

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
 Data File : BM042587.D
 Acq On : 04 Nov 2023 12:05
 Operator : MA/JU
 Sample : PB156852BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156852BS

Quant Time: Nov 06 01:43:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:52:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	57582	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	240583	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	148082	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	297437	20.000	ng	0.00
76) Chrysene-d12	21.497	240	225701	20.000	ng	0.00
86) Perylene-d12	23.915	264	214289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	529443	148.390	ng	0.01
7) Phenol-d6	7.087	99	696553	142.349	ng	0.01
23) Nitrobenzene-d5	9.116	82	473449	91.738	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	291759	150.909	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	1006818	91.488	ng	0.00
79) Terphenyl-d14	19.933	244	1371558	103.040	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.310	88	58359	34.321	ng	# 93
3) Pyridine	3.728	79	139468	28.593	ng	94
4) n-Nitrosodimethylamine	3.657	42	122145	52.035	ng	# 78
6) Aniline	7.257	93	208513	33.523	ng	97
8) 2-Chlorophenol	7.475	128	179876	46.755	ng	99
9) Benzaldehyde	7.075	77	67779	24.034	ng	97
10) Phenol	7.110	94	238966	48.085	ng	90
11) bis(2-Chloroethyl)ether	7.357	93	177968	42.330	ng	98
12) 1,3-Dichlorobenzene	7.792	146	187235	45.031	ng	96
13) 1,4-Dichlorobenzene	7.951	146	192222	45.680	ng	98
14) 1,2-Dichlorobenzene	8.263	146	185144	45.571	ng	98
15) Benzyl Alcohol	8.181	79	185404	53.520	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.428	45	148318	22.168	ng	99
17) 2-Methylphenol	8.369	107	158293	44.984	ng	96
18) Hexachloroethane	8.975	117	79463	48.262	ng	92
19) n-Nitroso-di-n-propyla...	8.733	70	159972	46.214	ng	92
20) 3+4-Methylphenols	8.704	107	209582	44.548	ng	94
22) Acetophenone	8.769	105	282134	46.498	ng	# 96
24) Nitrobenzene	9.163	77	237940	46.809	ng	98
25) Isophorone	9.669	82	423635	46.377	ng	98
26) 2-Nitrophenol	9.863	139	98975	45.949	ng	96
27) 2,4-Dimethylphenol	9.904	122	178592	51.106	ng	95
28) bis(2-Chloroethoxy)met...	10.157	93	243182	44.189	ng	99
29) 2,4-Dichlorophenol	10.380	162	179415	51.888	ng	97
30) 1,2,4-Trichlorobenzene	10.586	180	188709	49.800	ng	98
31) Naphthalene	10.786	128	543795	43.749	ng	99
32) Benzoic acid	10.075	122	128326	45.394	ng	92
33) 4-Chloroaniline	10.927	127	164851	34.014	ng	98
34) Hexachlorobutadiene	11.004	225	126407	54.943	ng	98
35) Caprolactam	11.769	113	50131	41.264	ng	95
36) 4-Chloro-3-methylphenol	12.033	107	184525	46.892	ng	99
37) 2-Methylnaphthalene	12.392	142	380312	43.445	ng	97
38) 1-Methylnaphthalene	12.392	142	380312	46.156	ng	97
40) 1,2,4,5-Tetrachloroben...	12.745	216	220361	49.811	ng	99
41) Hexachlorocyclopentadiene	12.686	237	235710	88.200	ng	99
43) 2,4,6-Trichlorophenol	13.004	196	145323	51.287	ng	97

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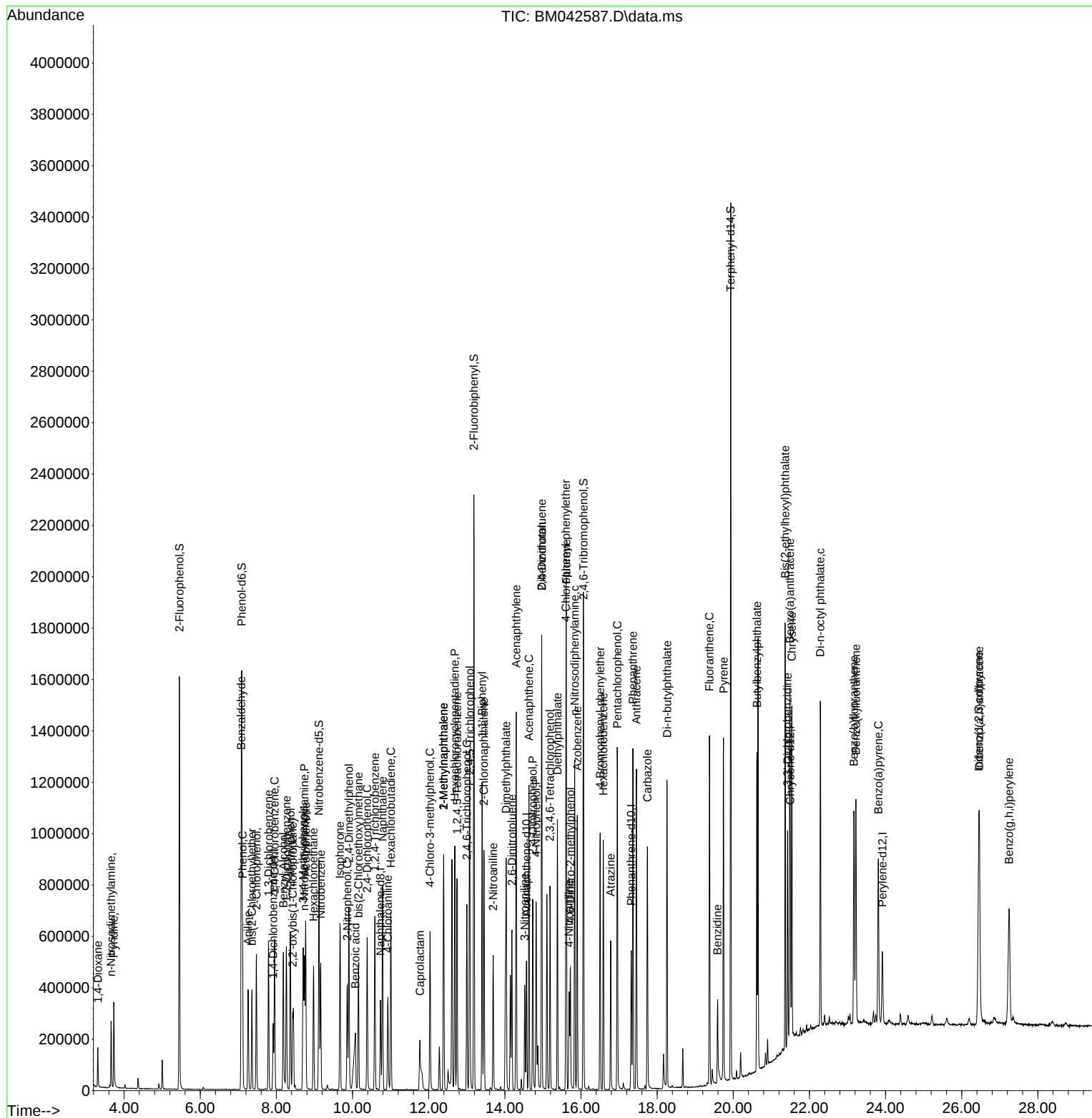
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	157165	46.611	ng	94
46) 1,1'-Biphenyl	13.404	154	511157	45.157	ng	98
47) 2-Chloronaphthalene	13.451	162	384967	46.358	ng	99
48) 2-Nitroaniline	13.692	65	139000	42.089	ng	97
49) Acenaphthylene	14.298	152	612759	44.555	ng	99
50) Dimethylphthalate	14.033	163	482761	43.619	ng	99
51) 2,6-Dinitrotoluene	14.186	165	101378	44.444	ng	97
52) Acenaphthene	14.633	154	365123	43.745	ng	100
53) 3-Nitroaniline	14.521	138	80636	33.017	ng	98
54) 2,4-Dinitrophenol	14.733	184	121189	75.369	ng	98
55) Dibenzofuran	14.968	168	608383	44.830	ng	100
56) 4-Nitrophenol	14.821	139	145757	71.162	ng	# 85
57) 2,4-Dinitrotoluene	14.968	165	139642	41.027	ng	95
58) Fluorene	15.615	166	484991	44.170	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.186	232	136652	48.117	ng	96
60) Diethylphthalate	15.380	149	485481	43.297	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	264368	47.658	ng	99
62) 4-Nitroaniline	15.686	138	78581	36.021	ng	# 86
63) Azobenzene	15.904	77	555792	44.981	ng	94
65) 4,6-Dinitro-2-methylph...	15.721	198	79644	42.424	ng	96
66) n-Nitrosodiphenylamine	15.833	169	398336	47.496	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	154262	51.867	ng	97
68) Hexachlorobenzene	16.586	284	175792	53.427	ng	99
69) Atrazine	16.780	200	89088	36.763	ng	97
70) Pentachlorophenol	16.956	266	206703	85.451	ng	100
71) Phenanthrene	17.362	178	692810	44.571	ng	99
72) Anthracene	17.456	178	692685	44.991	ng	99
73) Carbazole	17.745	167	570204	45.526	ng	100
74) Di-n-butylphthalate	18.262	149	786123	44.695	ng	100
75) Fluoranthene	19.374	202	750214	41.088	ng	98
77) Benzidine	19.586	184	211665	97.767	ng	98
78) Pyrene	19.744	202	767875	49.546	ng	99
80) Butylbenzylphthalate	20.621	149	312223	47.168	ng	99
81) Benzo(a)anthracene	21.486	228	647886	45.117	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	243463	53.345	ng	99
83) Chrysene	21.538	228	611250	41.904	ng	100
84) Bis(2-ethylhexyl)phtha...	21.362	149	459356	45.918	ng	100
85) Di-n-octyl phthalate	22.286	149	731414	42.477	ng	98
87) Indeno(1,2,3-cd)pyrene	26.450	276	716782	56.201	ng	# 94
88) Benzo(b)fluoranthene	23.168	252	599581	50.223	ng	99
89) Benzo(k)fluoranthene	23.221	252	588782	44.259	ng	98
90) Benzo(a)pyrene	23.809	252	507337	43.164	ng	# 97
91) Dibenzo(a,h)anthracene	26.462	278	597773	50.531	ng	96
92) Benzo(g,h,i)perylene	27.244	276	594872	52.921	ng	# 95

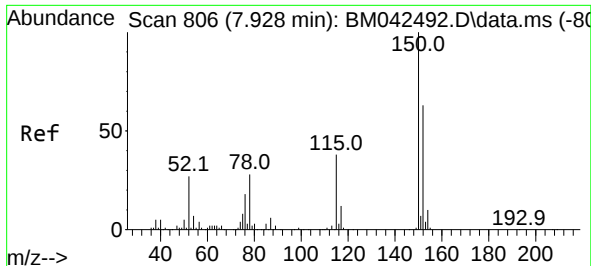
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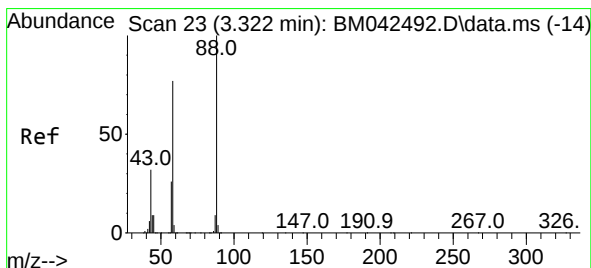
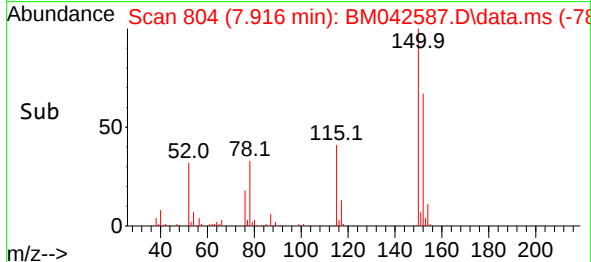
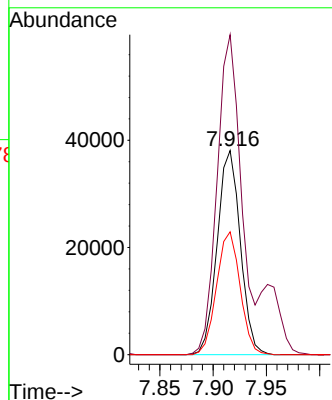
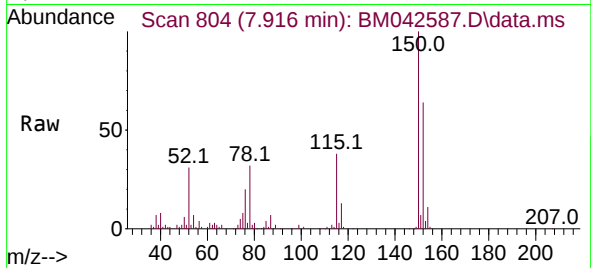




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 80
Delta R.T. 0.006 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

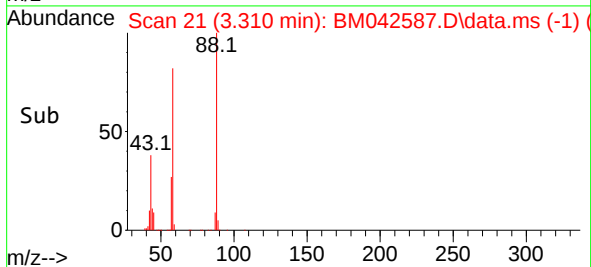
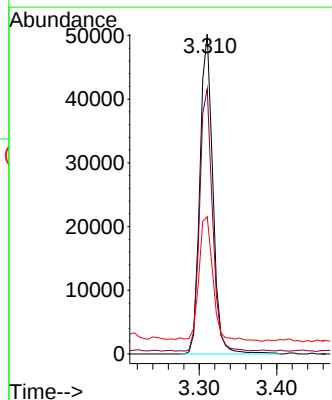
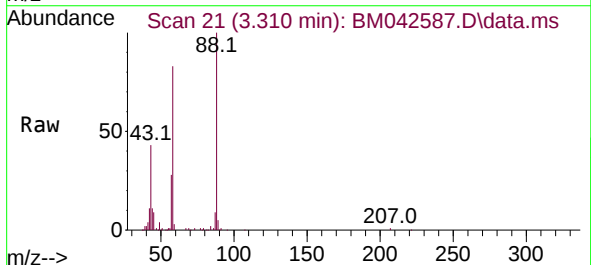
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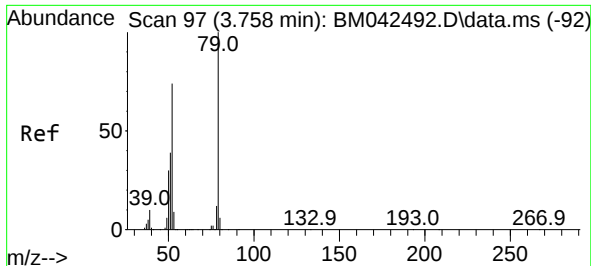
Tgt Ion:152 Resp: 57582
Ion Ratio Lower Upper
152 100
150 156.7 127.4 191.0
115 60.2 47.9 71.9



#2
1,4-Dioxane
Concen: 34.321 ng
RT: 3.310 min Scan# 21
Delta R.T. 0.011 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion: 88 Resp: 58359
Ion Ratio Lower Upper
88 100
58 81.3 62.6 93.8
43 42.2 26.5 39.7#

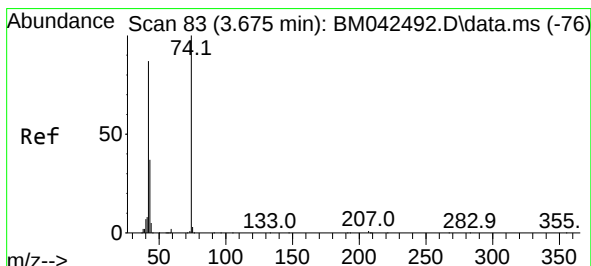
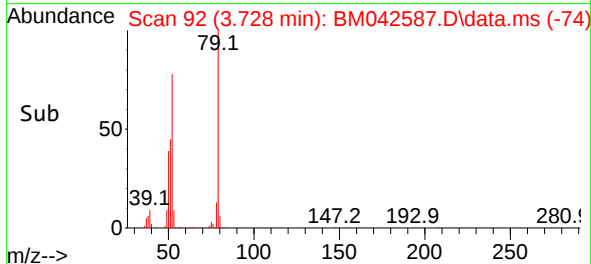
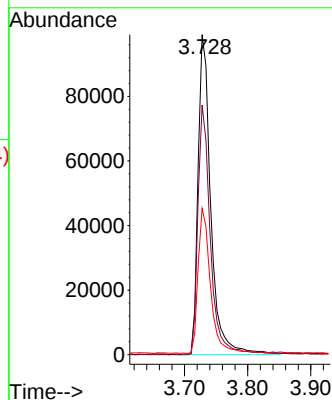
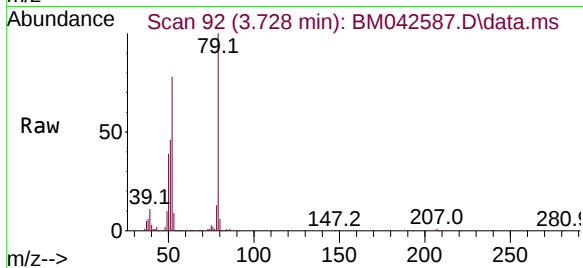




#3
 Pyridine
 Concen: 28.593 ng
 RT: 3.728 min Scan# 91
 Delta R.T. 0.005 min
 Lab File: BM042587.D
 Acq: 04 Nov 2023 12:05

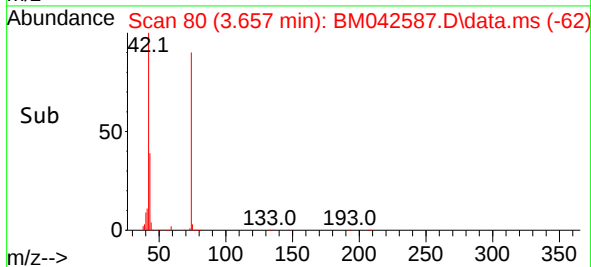
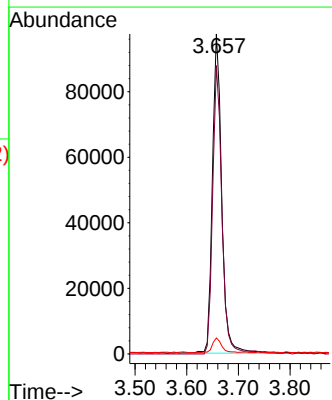
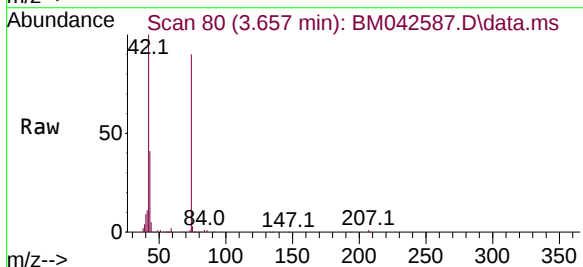
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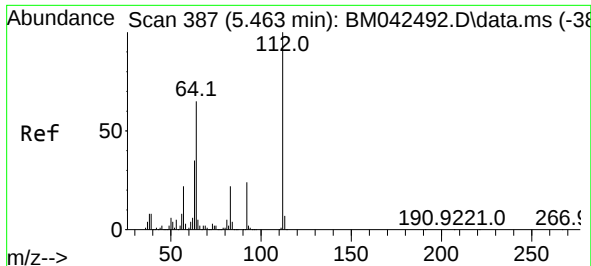
Tgt Ion: 79 Resp: 139468
 Ion Ratio Lower Upper
 79 100
 52 78.0 59.3 88.9
 51 45.7 32.7 49.1



#4
 n-Nitrosodimethylamine
 Concen: 52.035 ng
 RT: 3.657 min Scan# 80
 Delta R.T. 0.005 min
 Lab File: BM042587.D
 Acq: 04 Nov 2023 12:05

Tgt Ion: 42 Resp: 122145
 Ion Ratio Lower Upper
 42 100
 74 90.1 92.2 138.2#
 44 5.0 5.1 7.7#

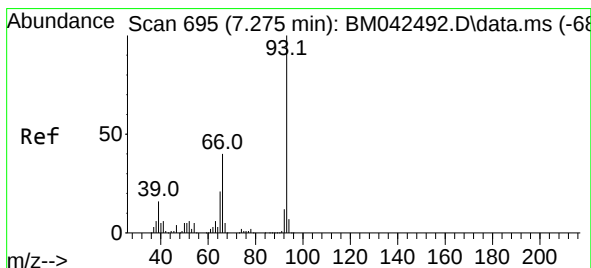
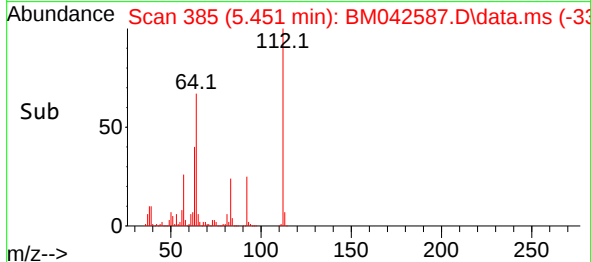
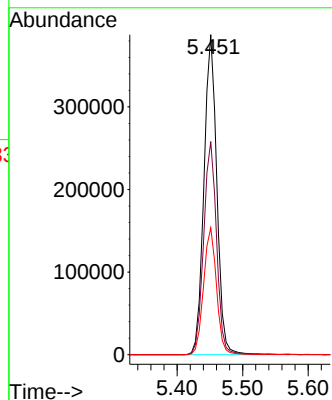
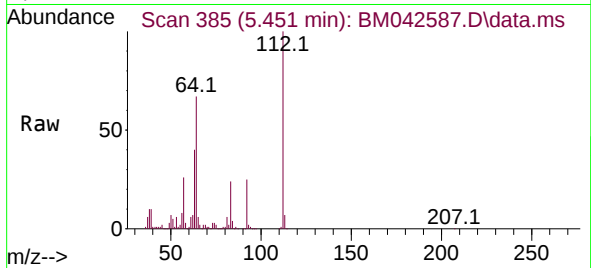




#5
2-Fluorophenol
Concen: 148.390 ng
RT: 5.451 min Scan# 387
Delta R.T. 0.011 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

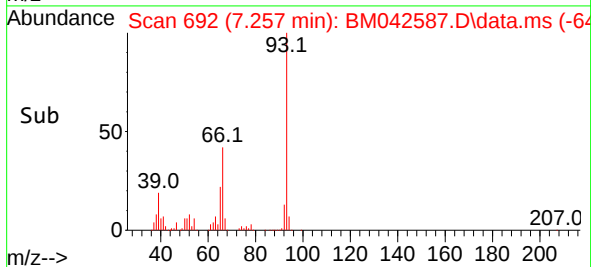
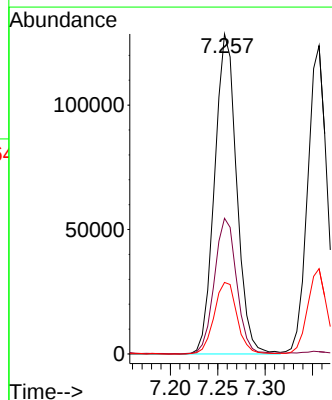
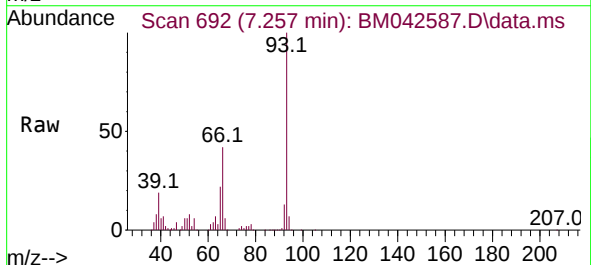
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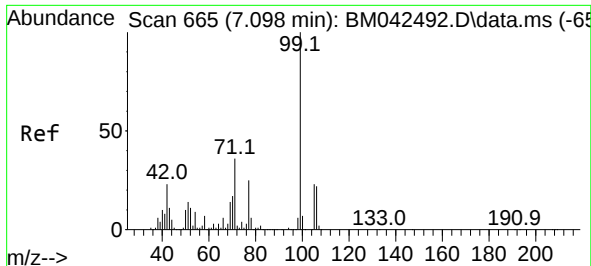
Tgt Ion:112 Resp: 529443
Ion Ratio Lower Upper
112 100
64 66.6 52.1 78.1
63 39.7 28.3 42.5



#6
Aniline
Concen: 33.523 ng
RT: 7.257 min Scan# 692
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion: 93 Resp: 208513
Ion Ratio Lower Upper
93 100
66 42.4 32.2 48.2
65 22.4 17.0 25.6

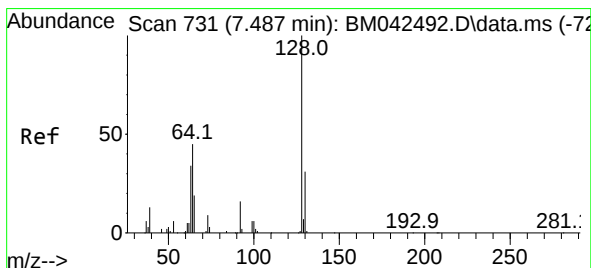
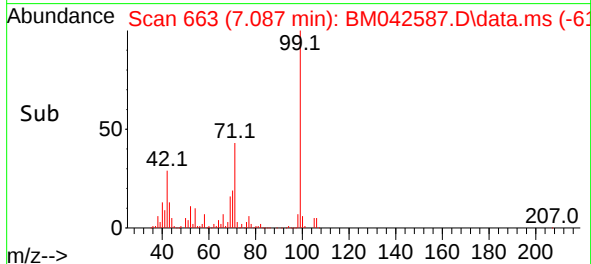
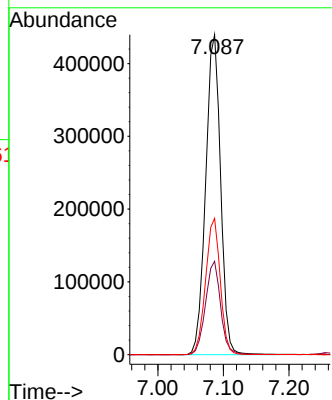
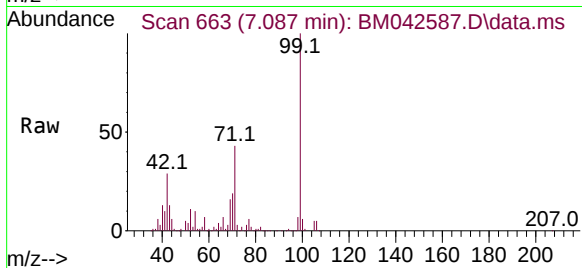




#7
Phenol-d6
Concen: 142.349 ng
RT: 7.087 min Scan# 61
Delta R.T. 0.011 min
Lab File: BM042587.D
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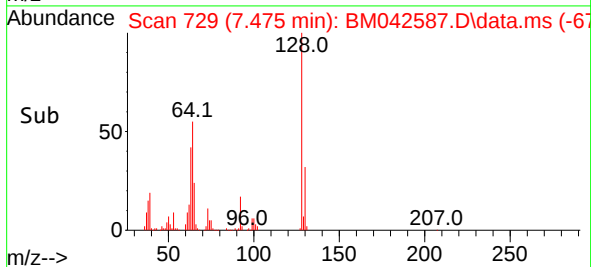
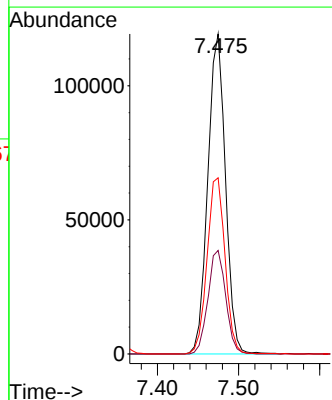
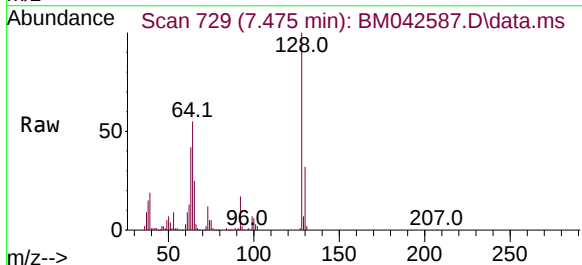
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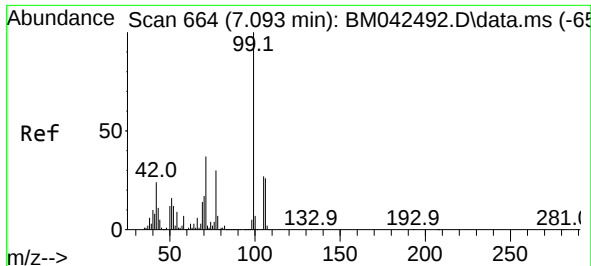
Tgt Ion: 99 Resp: 696553
Ion Ratio Lower Upper
99 100
42 29.2 18.7 28.1#
71 42.6 29.1 43.7



#8
2-Chlorophenol
Concen: 46.755 ng
RT: 7.475 min Scan# 729
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion:128 Resp: 179876
Ion Ratio Lower Upper
128 100
130 32.4 11.2 51.2
64 55.1 34.4 74.4

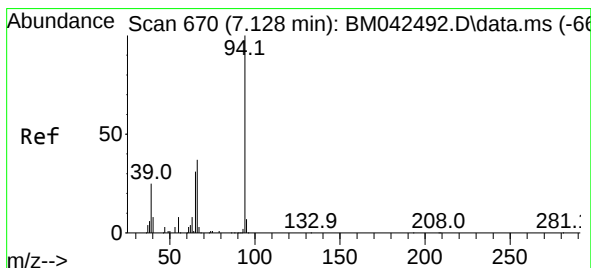
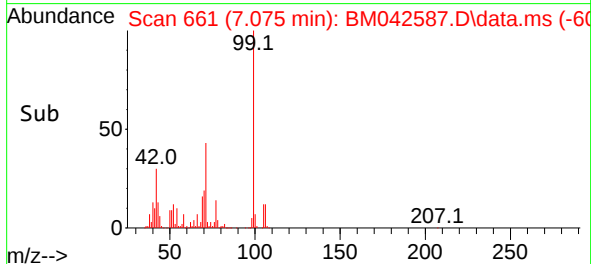
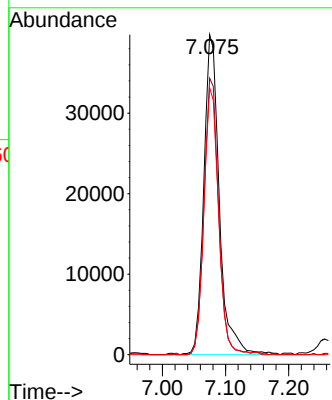
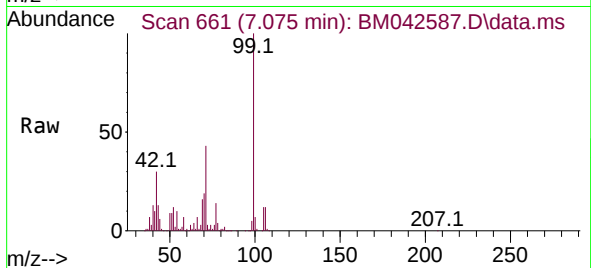




#9
Benzaldehyde
Concen: 24.034 ng
RT: 7.075 min Scan# 661
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

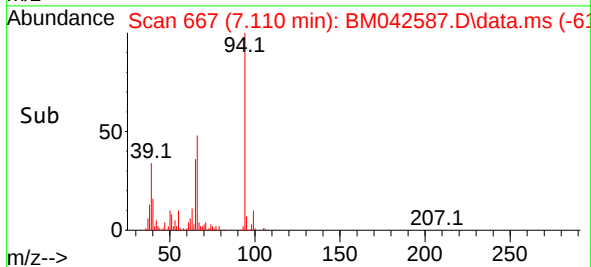
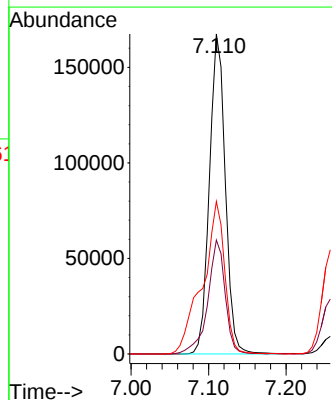
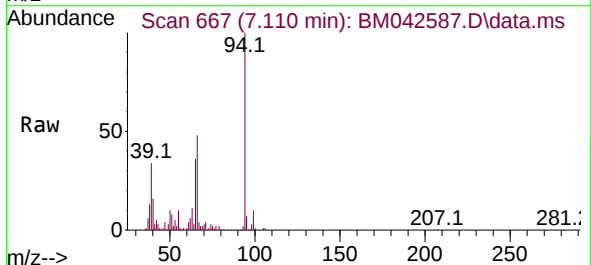
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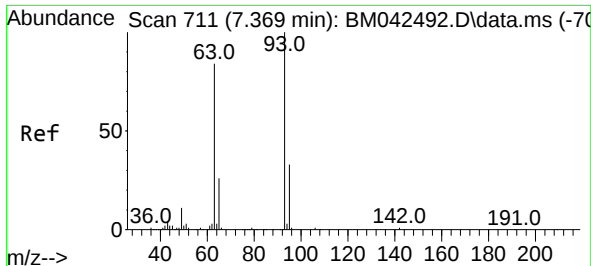
Tgt Ion: 77 Resp: 67779
Ion Ratio Lower Upper
77 100
105 86.4 69.7 109.7
106 83.4 66.4 106.4



#10
Phenol
Concen: 48.085 ng
RT: 7.110 min Scan# 667
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion: 94 Resp: 238966
Ion Ratio Lower Upper
94 100
65 35.6 11.5 51.5
66 47.7 20.0 60.0

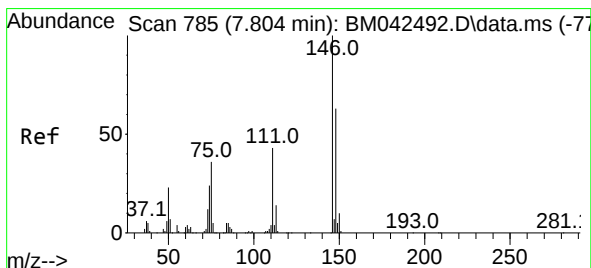
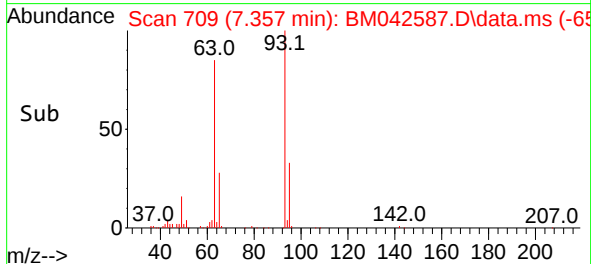
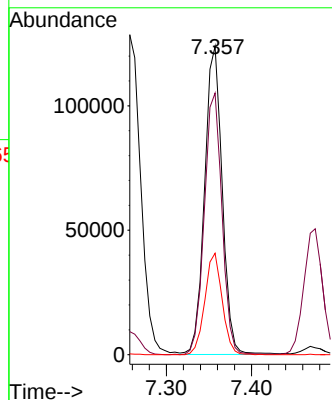
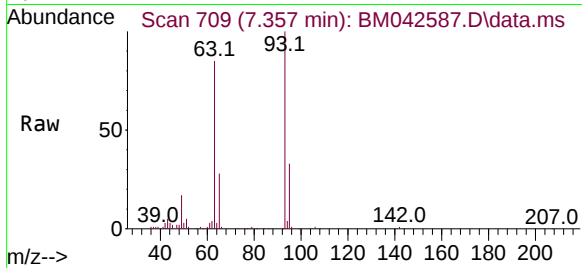




#11
bis(2-Chloroethyl)ether
Concen: 42.330 ng
RT: 7.357 min Scan# 709
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

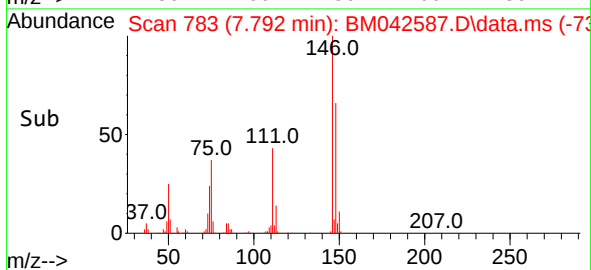
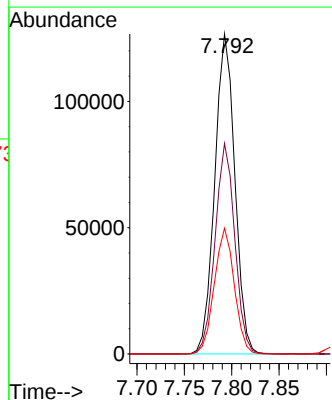
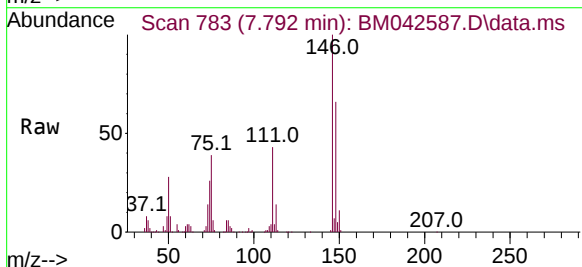
Instrument :
BNA_M
ClientSampleId :
PB156852BS

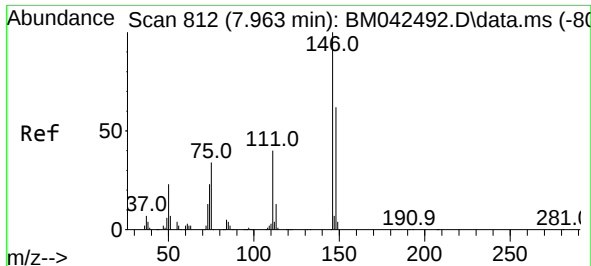
Tgt Ion: 93 Resp: 177968
Ion Ratio Lower Upper
93 100
63 84.9 63.2 103.2
95 32.9 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 45.031 ng
RT: 7.792 min Scan# 783
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion:146 Resp: 187235
Ion Ratio Lower Upper
146 100
148 65.8 50.4 75.6
75 39.3 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 45.680 ng

RT: 7.951 min Scan# 81

Delta R.T. 0.005 min

Lab File: BM042587.D

Acq: 04 Nov 2023 12:05

Instrument :

BNA_M

ClientSampleId :

PB156852BS

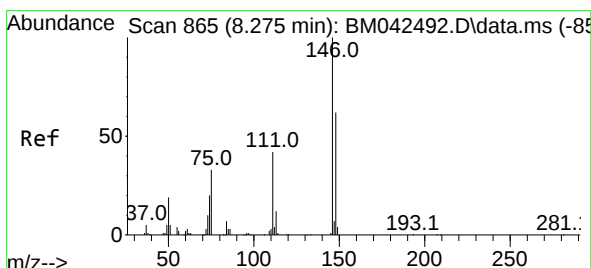
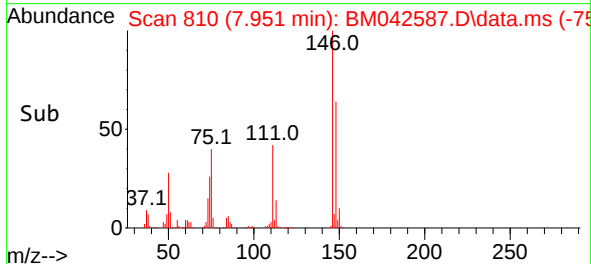
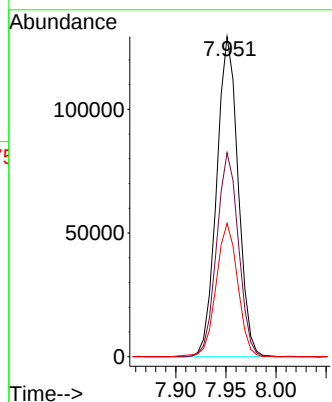
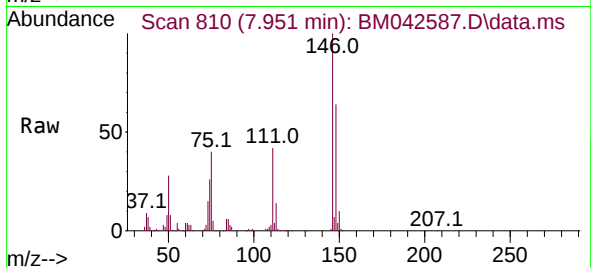
Tgt Ion:146 Resp: 192222

Ion Ratio Lower Upper

146 100

148 63.8 50.0 75.0

111 41.7 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 45.571 ng

RT: 8.263 min Scan# 863

Delta R.T. 0.005 min

Lab File: BM042587.D

Acq: 04 Nov 2023 12:05

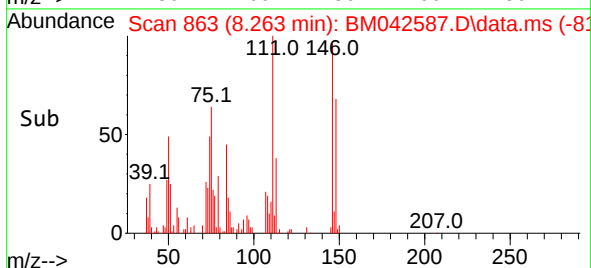
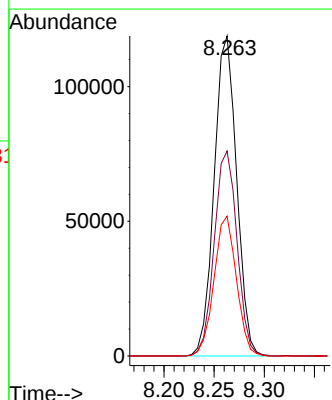
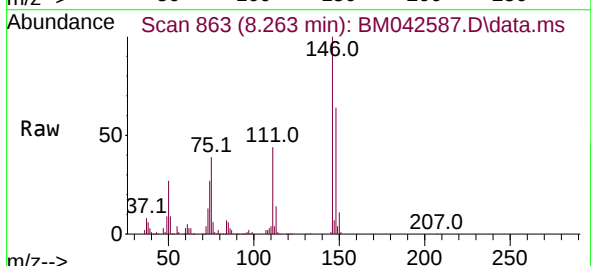
Tgt Ion:146 Resp: 185144

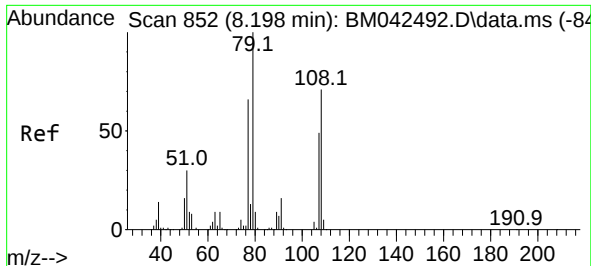
Ion Ratio Lower Upper

146 100

148 64.1 50.0 75.0

111 43.7 34.5 51.7

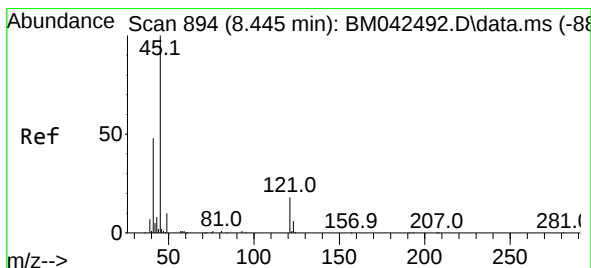
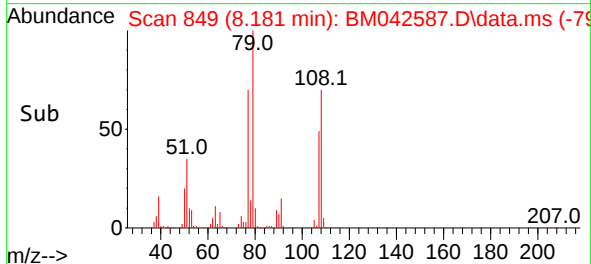
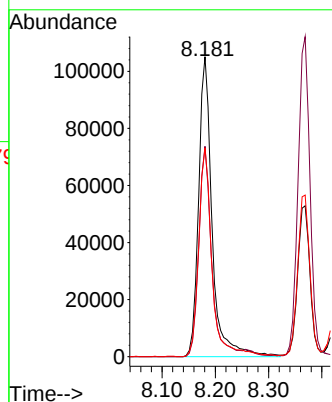
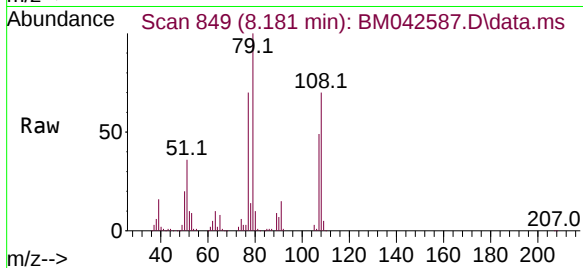




#15
Benzyl Alcohol
Concen: 53.520 ng
RT: 8.181 min Scan# 84
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

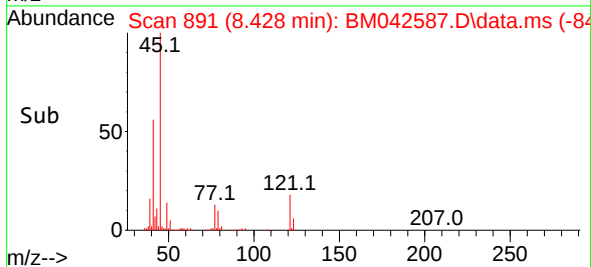
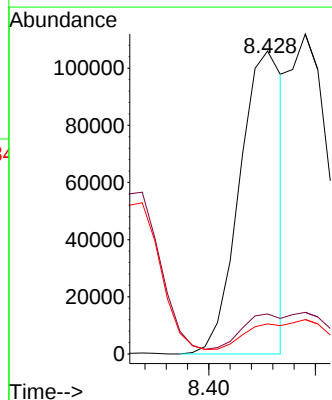
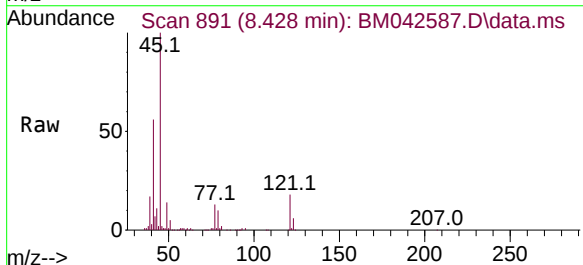
Instrument :
BNA_M
ClientSampleId :
PB156852BS

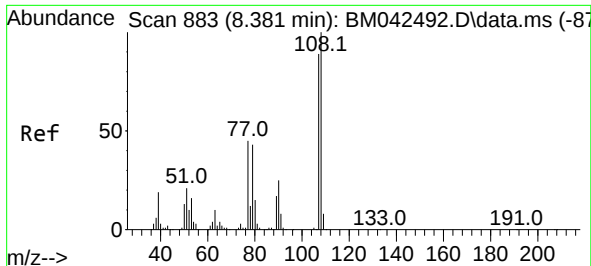
Tgt Ion: 79 Resp: 185404
Ion Ratio Lower Upper
79 100
108 70.1 56.8 85.2
77 69.6 53.0 79.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 22.168 ng
RT: 8.428 min Scan# 891
Delta R.T. -0.012 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion: 45 Resp: 148318
Ion Ratio Lower Upper
45 100
77 13.2 0.0 33.0
79 10.0 0.0 29.5

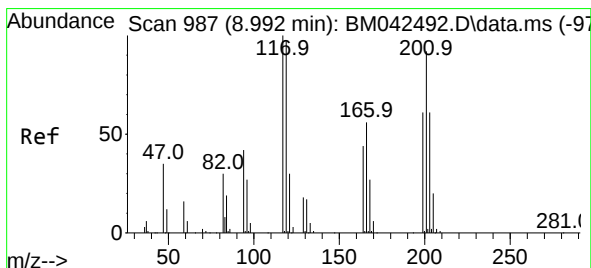
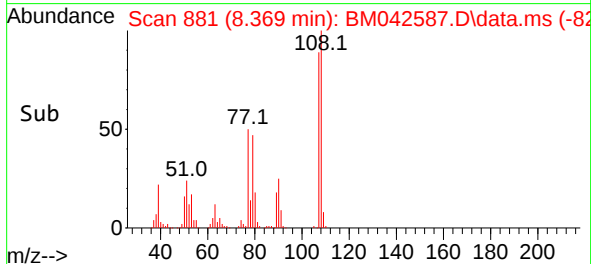
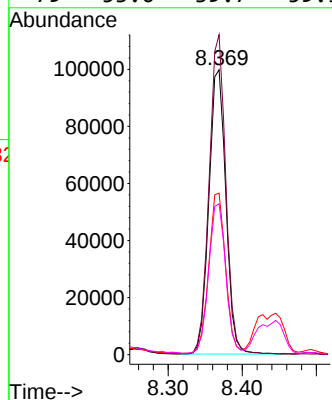
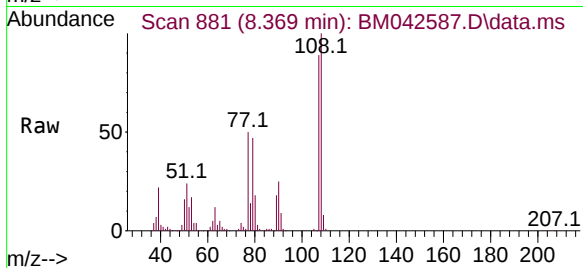




#17
2-Methylphenol
Concen: 44.984 ng
RT: 8.369 min Scan# 81
Delta R.T. 0.011 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

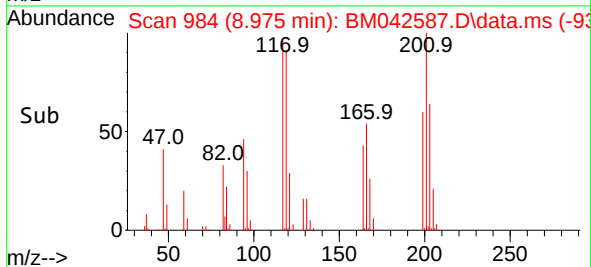
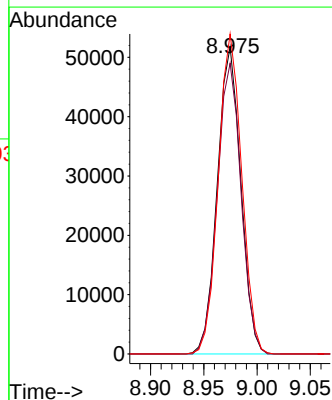
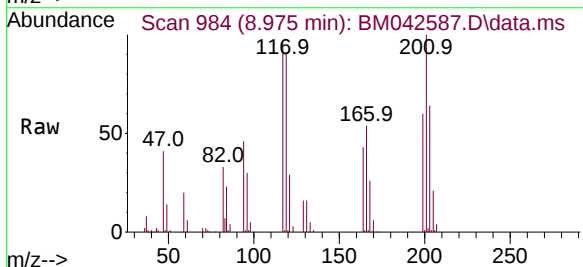
Instrument :
BNA_M
ClientSampleId :
PB156852BS

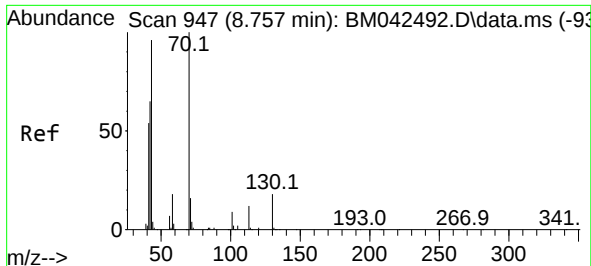
Tgt Ion:	107	Resp:	158293
Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.4	135.6
77	56.7	40.6	60.8
79	53.0	39.7	59.5



#18
Hexachloroethane
Concen: 48.262 ng
RT: 8.975 min Scan# 984
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion:	117	Resp:	79463
Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.9	116.9
201	104.2	73.7	110.5



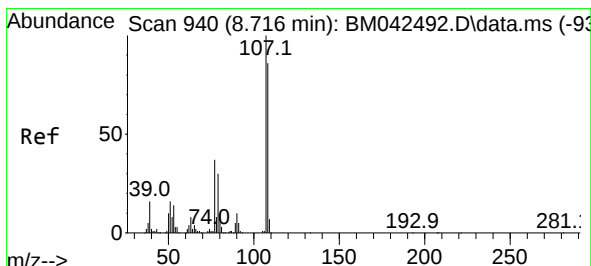
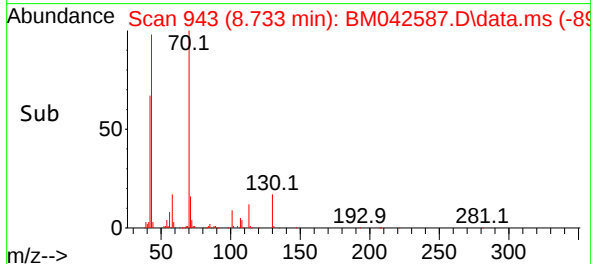
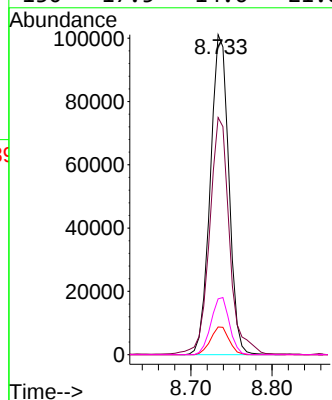
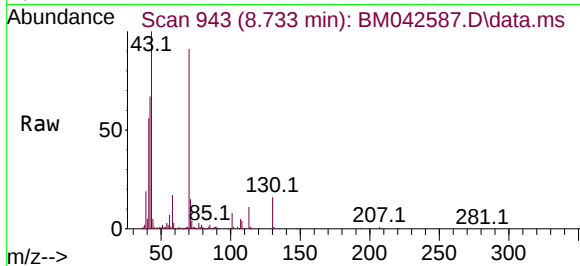


#19
n-Nitroso-di-n-propylamine
Concen: 46.214 ng
RT: 8.733 min Scan# 947
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Instrument :
BNA_M
ClientSampleId :
PB156852BS

Tgt Ion: 70 Resp: 159972

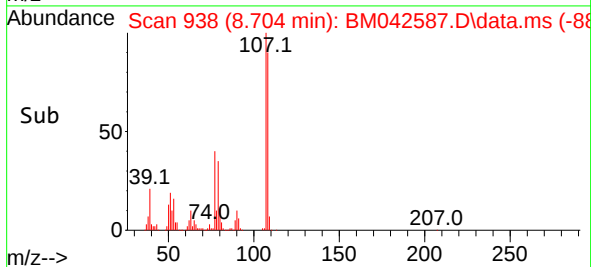
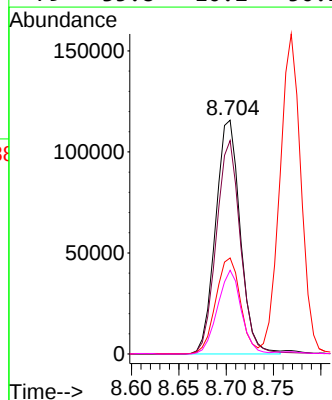
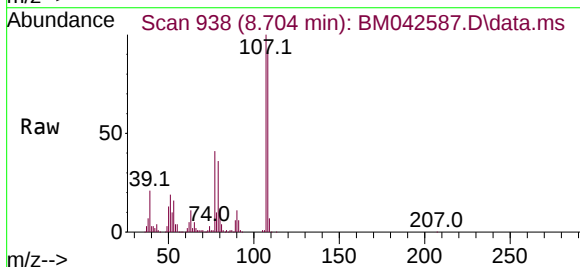
Ion	Ratio	Lower	Upper
70	100		
42	74.1	52.5	78.7
101	8.7	7.0	10.4
130	17.5	14.6	21.8

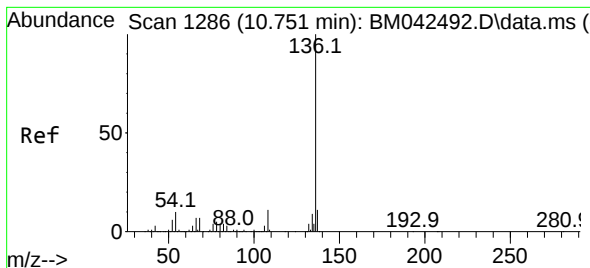


#20
3+4-Methylphenols
Concen: 44.548 ng
RT: 8.704 min Scan# 938
Delta R.T. 0.011 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion: 107 Resp: 209582

Ion	Ratio	Lower	Upper
107	100		
108	91.3	66.4	106.4
77	41.0	17.6	57.6
79	35.8	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.733 min Scan# 11

Delta R.T. 0.005 min

Lab File: BM042587.D

Acq: 04 Nov 2023 12:05

Instrument :

BNA_M

ClientSampleId :

PB156852BS

Tgt Ion:136 Resp: 240583

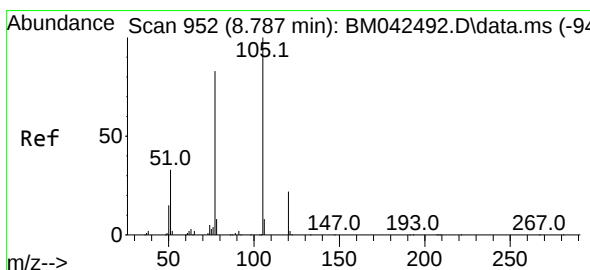
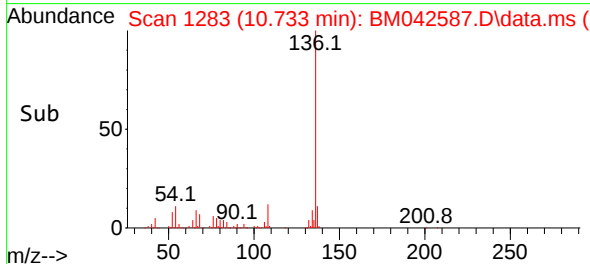
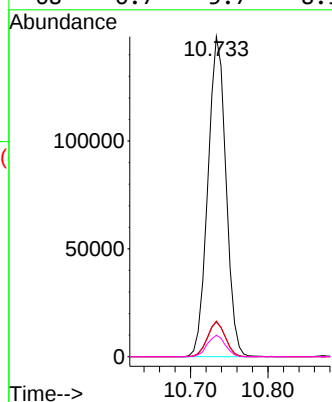
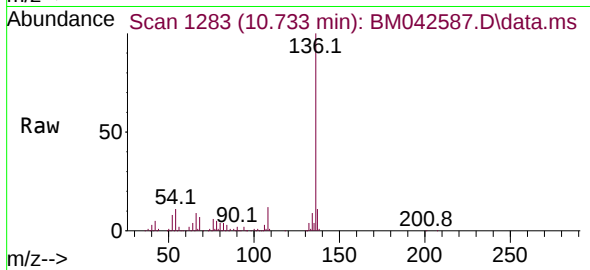
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 11.2 8.0 12.0

68 6.7 5.7 8.5



#22

Acetophenone

Concen: 46.498 ng

RT: 8.769 min Scan# 949

Delta R.T. 0.005 min

Lab File: BM042587.D

Acq: 04 Nov 2023 12:05

Tgt Ion:105 Resp: 282134

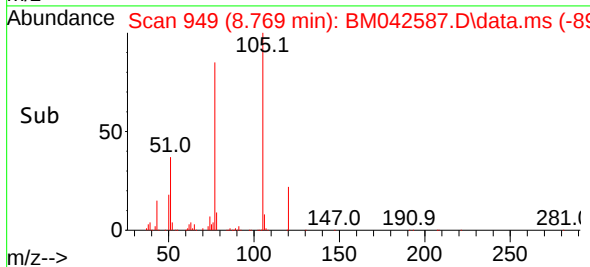
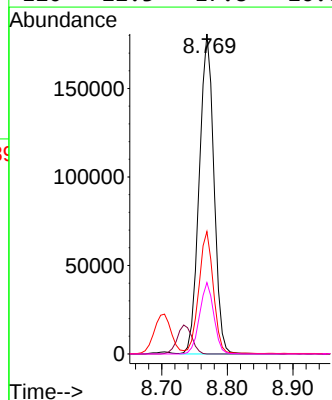
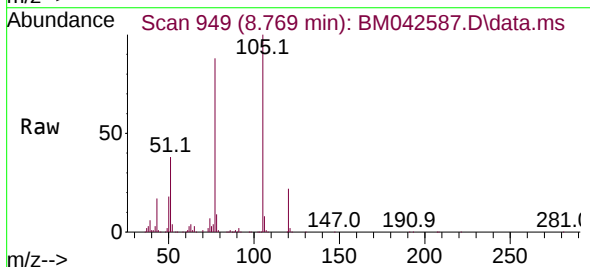
Ion Ratio Lower Upper

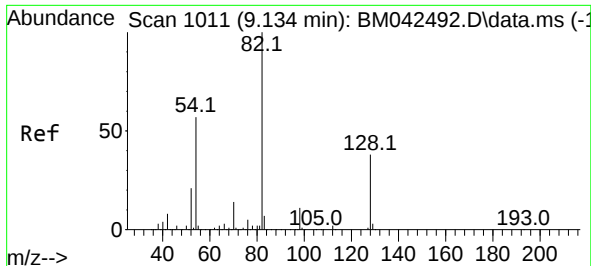
105 100

71 0.0 0.2 0.2#

51 38.2 27.6 41.4

120 22.3 17.8 26.6

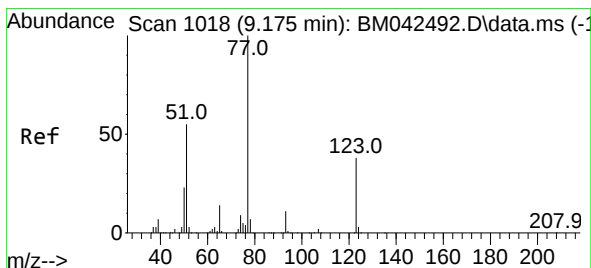
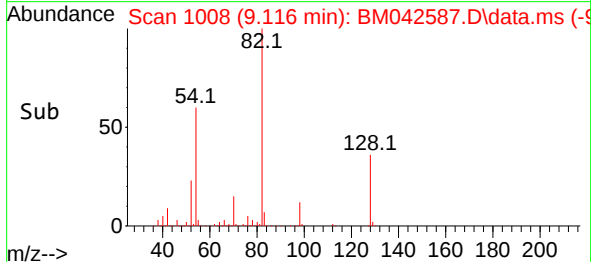
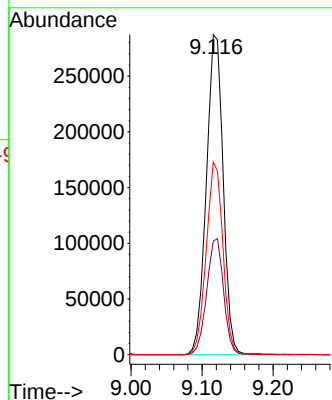
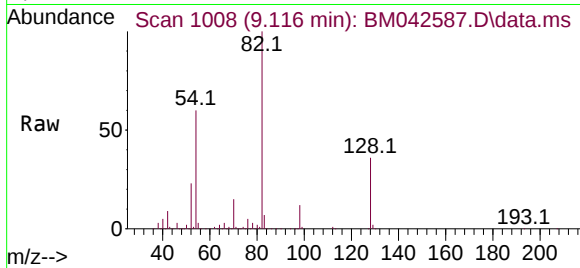




#23
Nitrobenzene-d5
Concen: 91.738 ng
RT: 9.116 min Scan# 1011
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

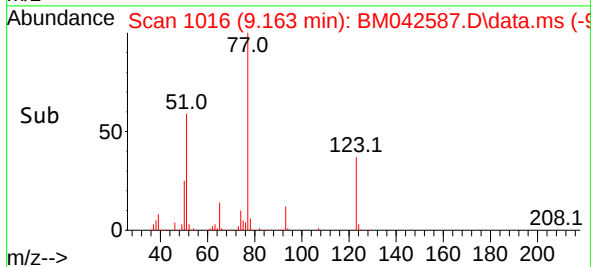
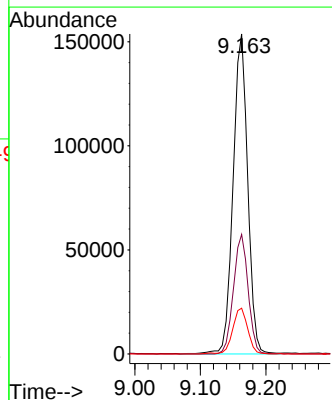
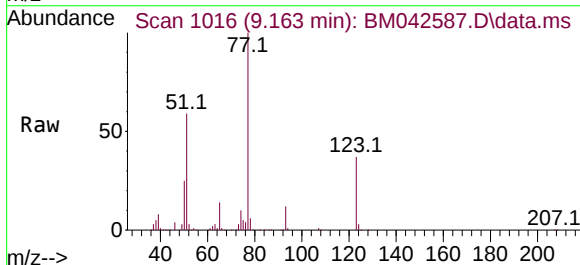
Instrument :
BNA_M
ClientSampleId :
PB156852BS

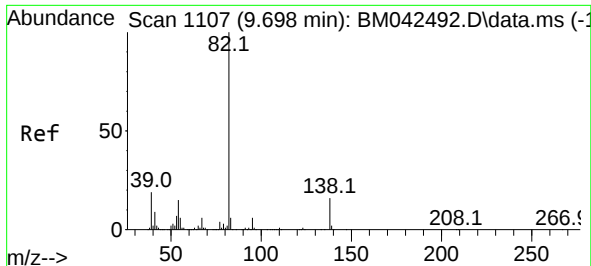
Tgt Ion: 82 Resp: 473449
Ion Ratio Lower Upper
82 100
128 35.5 30.7 46.1
54 60.3 45.3 67.9



#24
Nitrobenzene
Concen: 46.809 ng
RT: 9.163 min Scan# 1016
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion: 77 Resp: 237940
Ion Ratio Lower Upper
77 100
123 37.4 30.6 46.0
65 14.3 10.8 16.2

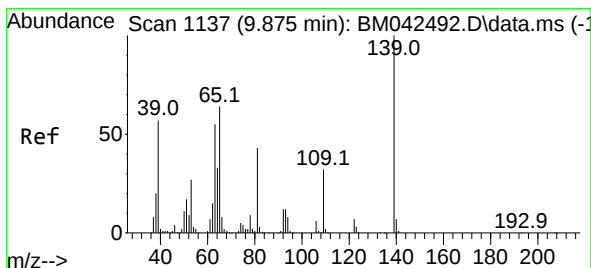
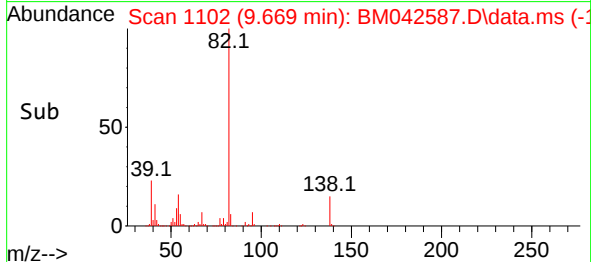
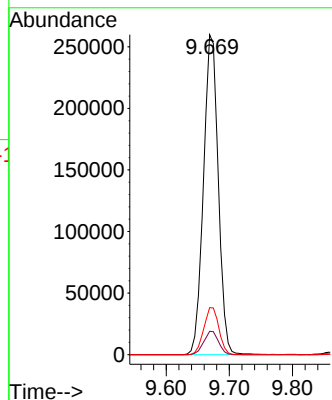
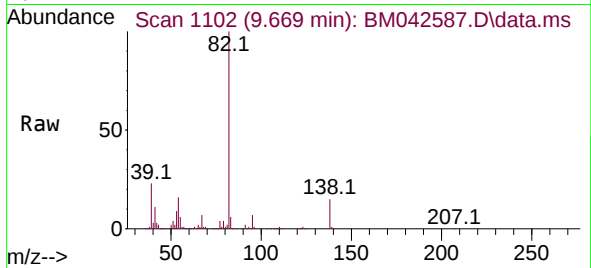




#25
Isophorone
Concen: 46.377 ng
RT: 9.669 min Scan# 1107
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

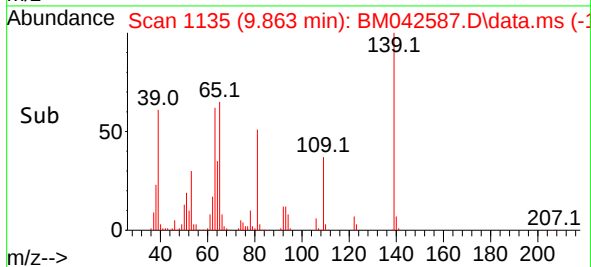
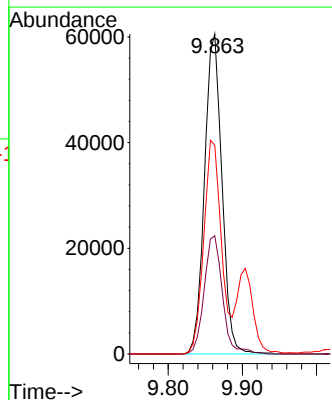
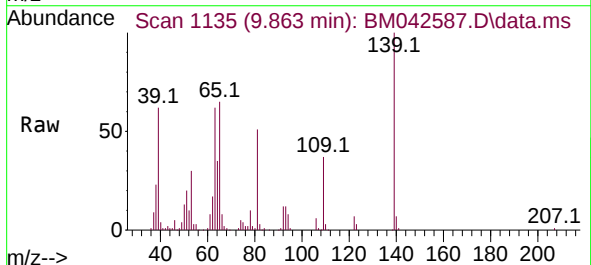
Instrument :
BNA_M
ClientSampleId :
PB156852BS

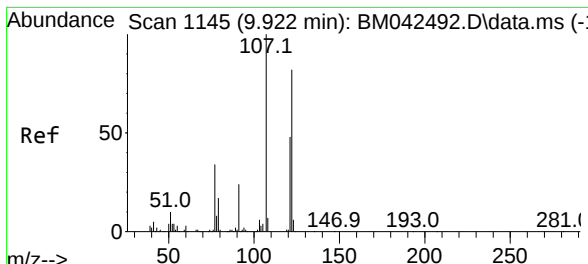
Tgt Ion: 82 Resp: 423635
Ion Ratio Lower Upper
82 100
95 7.3 5.2 7.8
138 14.7 12.6 18.8



#26
2-Nitrophenol
Concen: 45.949 ng
RT: 9.863 min Scan# 1135
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion: 139 Resp: 98975
Ion Ratio Lower Upper
139 100
109 37.0 25.2 37.8
65 65.2 51.4 77.0



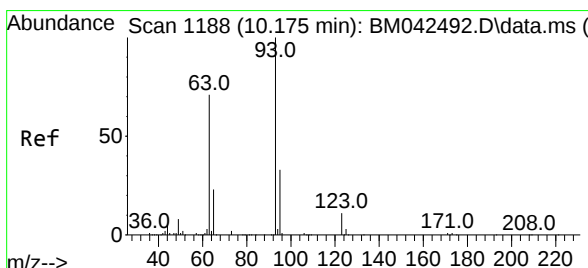
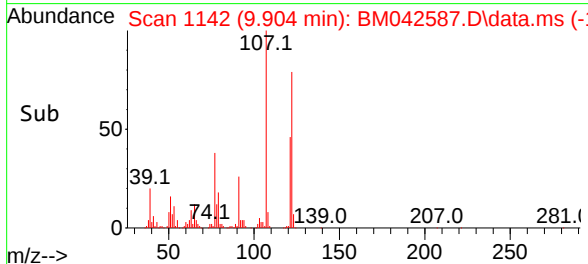
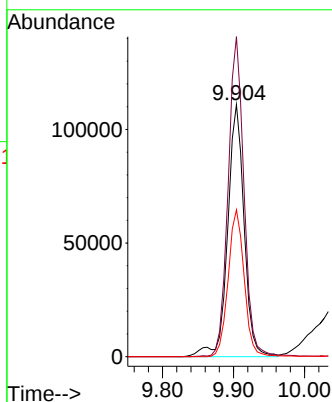
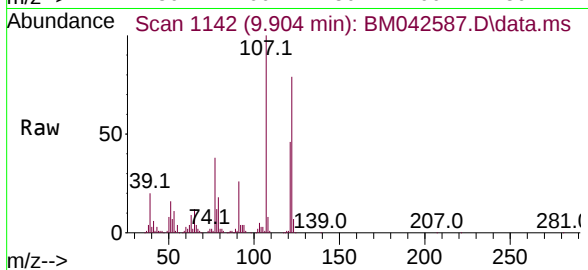


#27
 2,4-Dimethylphenol
 Concen: 51.106 ng
 RT: 9.904 min Scan# 1142
 Delta R.T. 0.005 min
 Lab File: BM042587.D
 Acq: 04 Nov 2023 12:05

Instrument :
 BNA_M
 ClientSampleId :
 PB156852BS

Tgt Ion:122 Resp: 178592

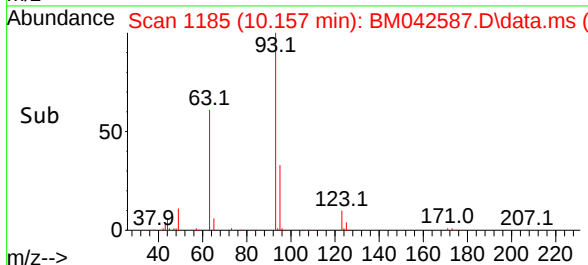
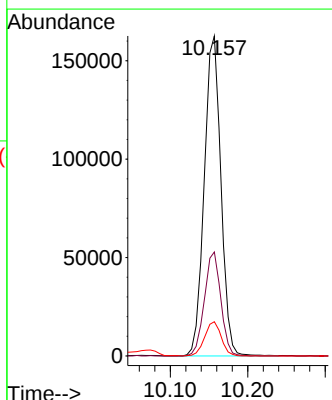
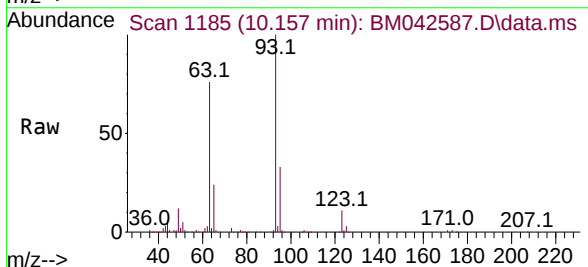
Ion	Ratio	Lower	Upper
122	100		
107	126.9	95.4	143.2
121	58.3	46.0	69.0

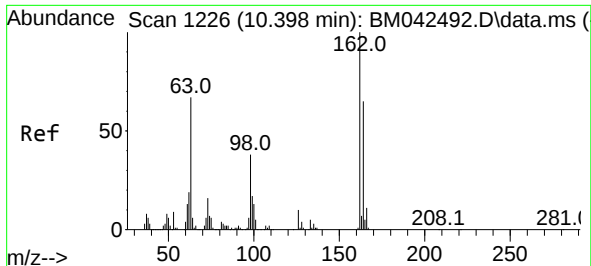


#28
 bis(2-Chloroethoxy)methane
 Concen: 44.189 ng
 RT: 10.157 min Scan# 1185
 Delta R.T. 0.005 min
 Lab File: BM042587.D
 Acq: 04 Nov 2023 12:05

Tgt Ion: 93 Resp: 243182

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	10.7	8.5	12.7





#29

2,4-Dichlorophenol

Concen: 51.888 ng

RT: 10.380 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM042587.D

Acq: 04 Nov 2023 12:05

Instrument :

BNA_M

ClientSampleId :

PB156852BS

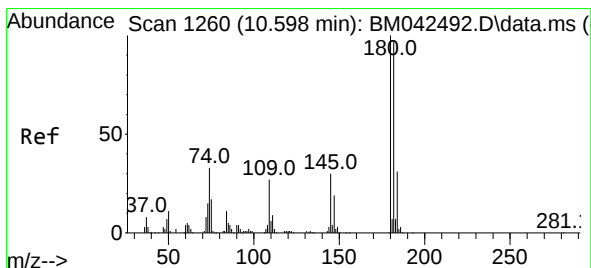
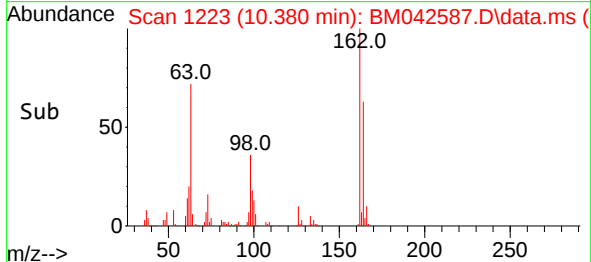
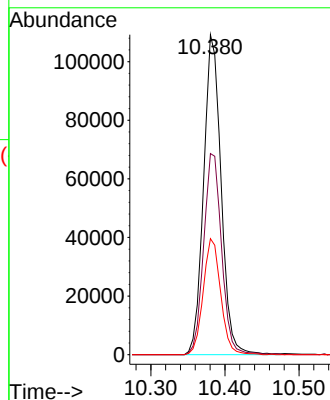
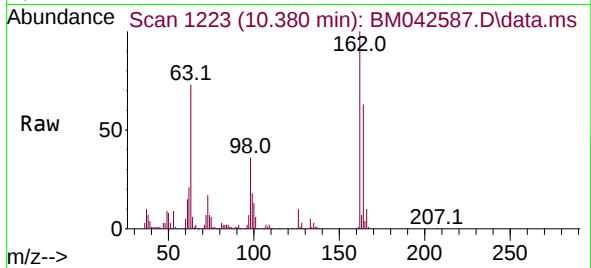
Tgt Ion:162 Resp: 179415

Ion Ratio Lower Upper

162 100

164 62.9 44.9 84.9

98 36.3 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 49.800 ng

RT: 10.586 min Scan# 1258

Delta R.T. 0.005 min

Lab File: BM042587.D

Acq: 04 Nov 2023 12:05

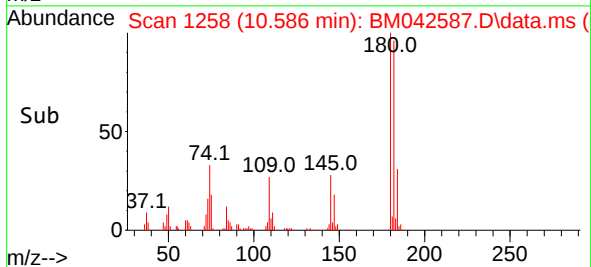
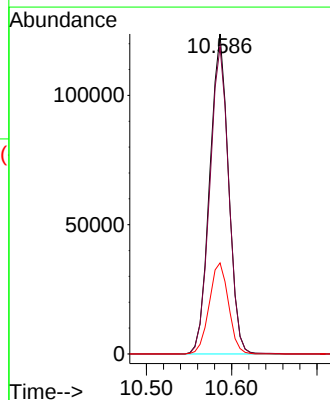
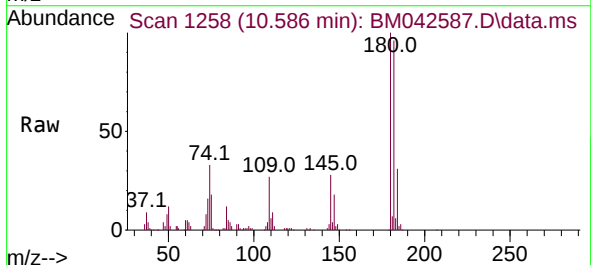
Tgt Ion:180 Resp: 188709

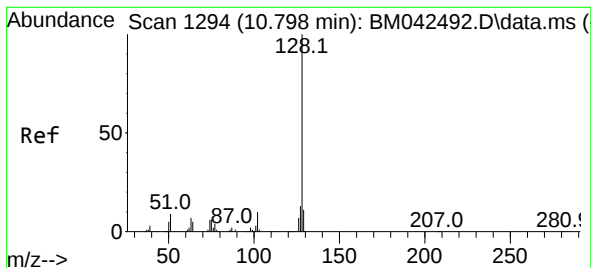
Ion Ratio Lower Upper

180 100

182 96.0 77.8 116.8

145 28.5 24.4 36.6

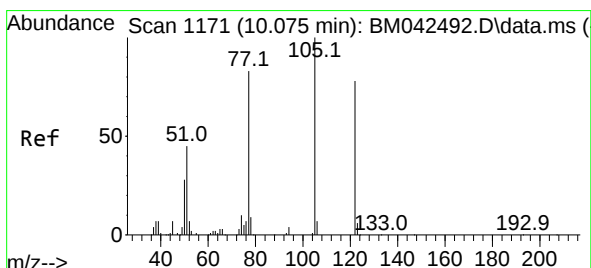
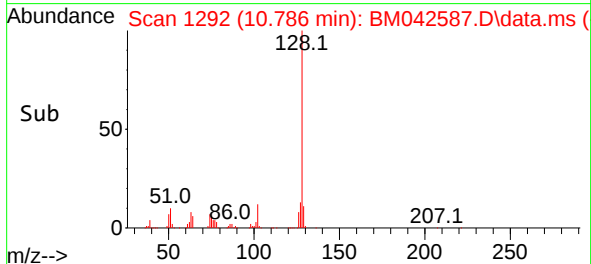
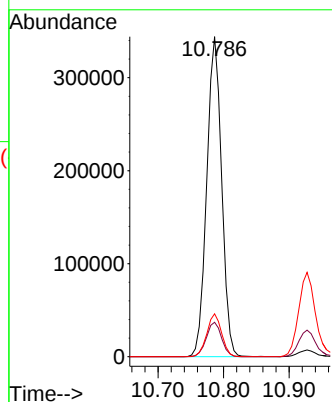
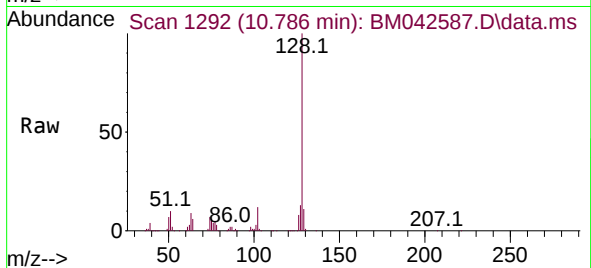




#31
Naphthalene
Concen: 43.749 ng
RT: 10.786 min Scan# 1171
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

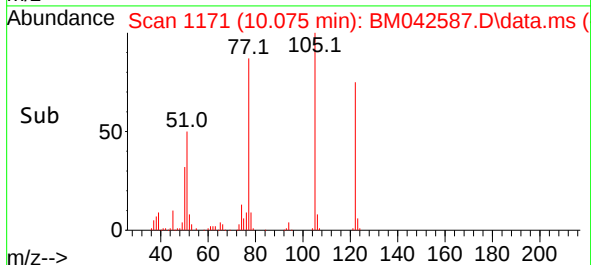
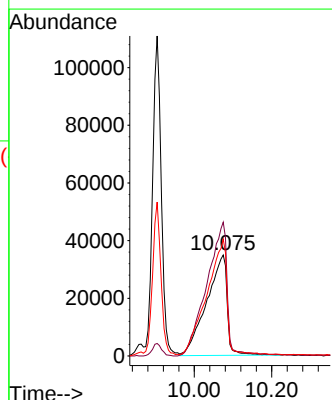
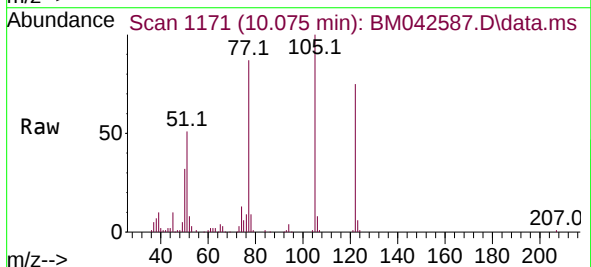
Instrument :
BNA_M
ClientSampleId :
PB156852BS

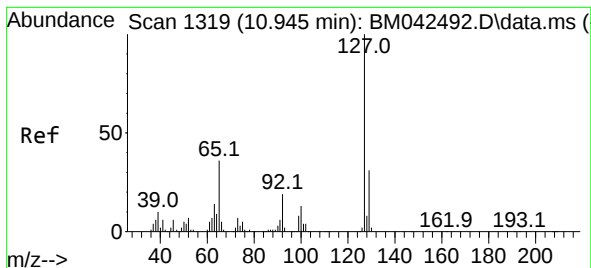
Tgt Ion:128 Resp: 543795
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 45.394 ng
RT: 10.075 min Scan# 1171
Delta R.T. 0.023 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion:122 Resp: 128326
Ion Ratio Lower Upper
122 100
105 132.5 105.2 145.2
77 115.7 84.8 124.8

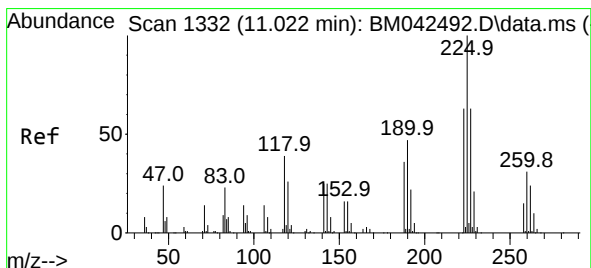
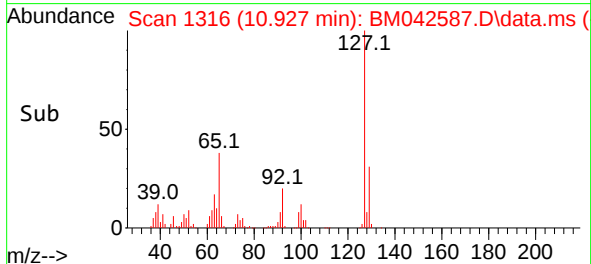
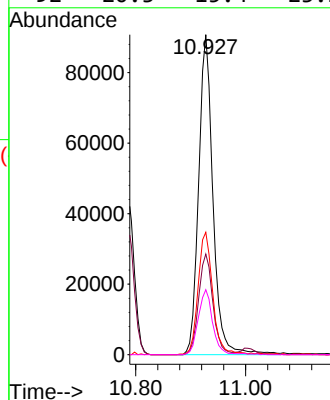
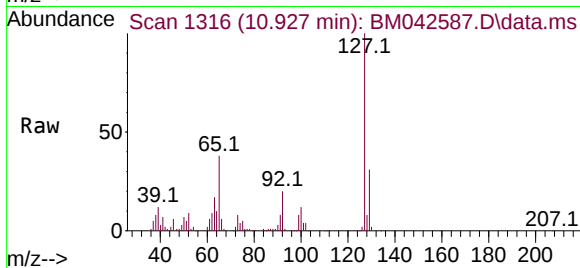




#33
4-Chloroaniline
Concen: 34.014 ng
RT: 10.927 min Scan# 11
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

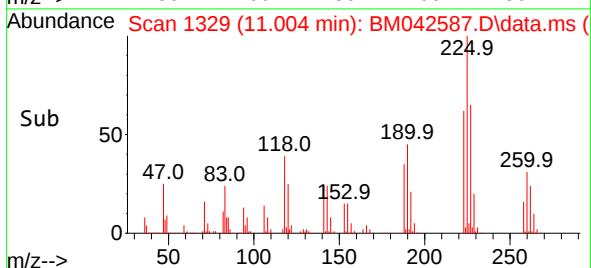
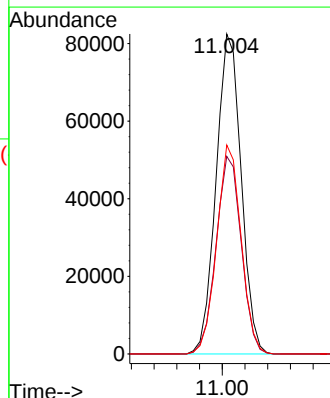
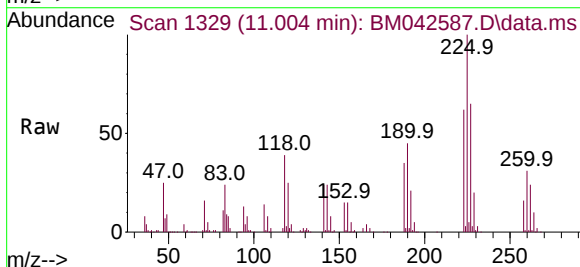
Instrument :
BNA_M
ClientSampleId :
PB156852BS

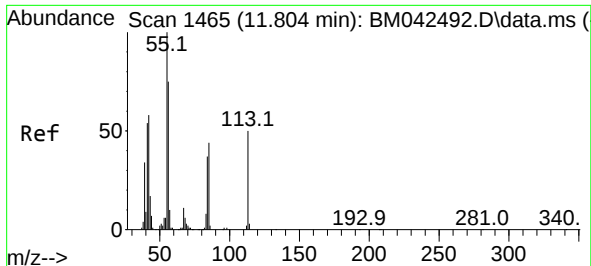
Tgt Ion:	127	Resp:	164851
Ion Ratio	Lower	Upper	
127	100		
129	31.4	25.0	37.4
65	38.2	29.0	43.4
92	20.3	15.4	23.2



#34
Hexachlorobutadiene
Concen: 54.943 ng
RT: 11.004 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion:	225	Resp:	126407
Ion Ratio	Lower	Upper	
225	100		
223	61.7	50.0	75.0
227	65.3	50.6	75.8

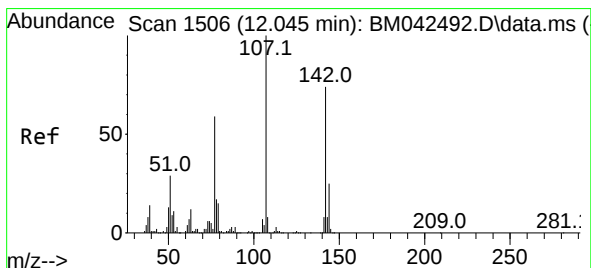
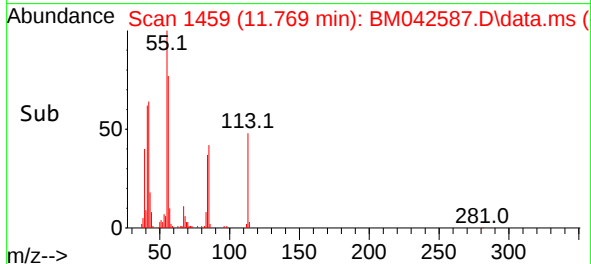
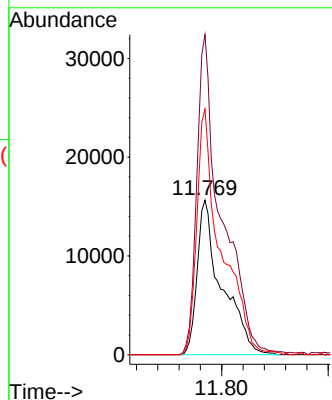
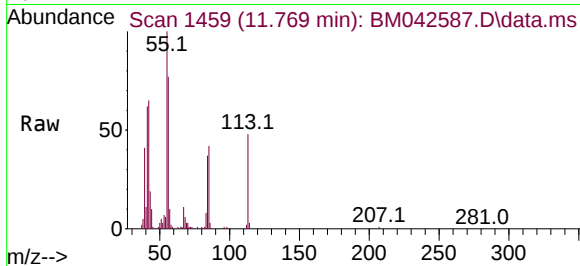




#35
Caprolactam
Concen: 41.264 ng
RT: 11.769 min Scan# 1465
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

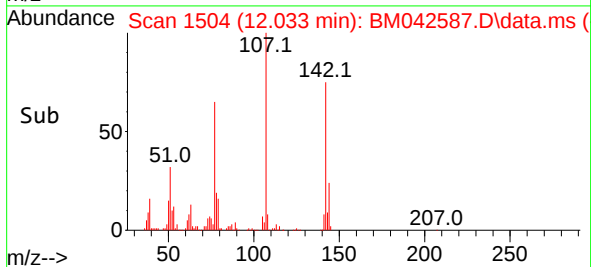
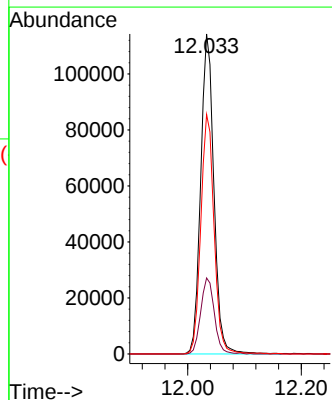
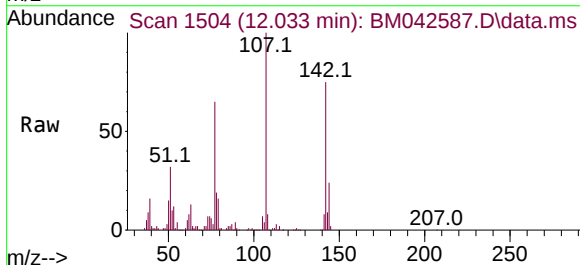
Instrument :
BNA_M
ClientSampleId :
PB156852BS

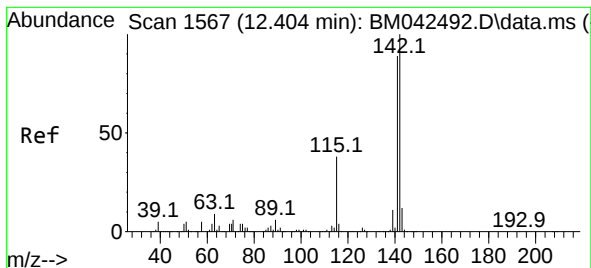
Tgt Ion:113 Resp: 50131
Ion Ratio Lower Upper
113 100
55 207.0 180.9 220.9
56 158.9 130.0 170.0



#36
4-Chloro-3-methylphenol
Concen: 46.892 ng
RT: 12.033 min Scan# 1504
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion:107 Resp: 184525
Ion Ratio Lower Upper
107 100
144 23.7 20.2 30.2
142 74.9 59.5 89.3

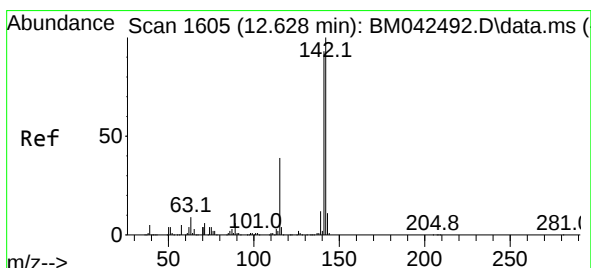
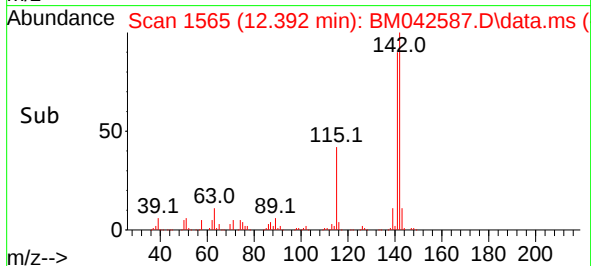
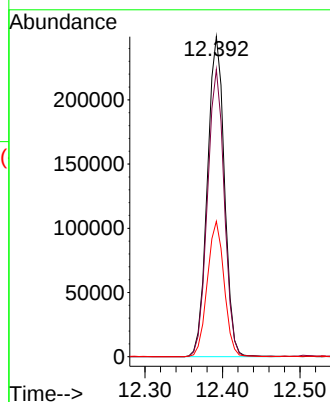
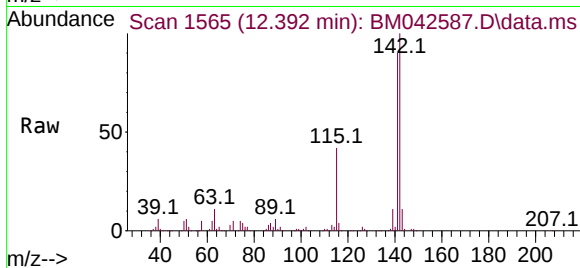




#37
2-Methylnaphthalene
Concen: 43.445 ng
RT: 12.392 min Scan# 1565
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

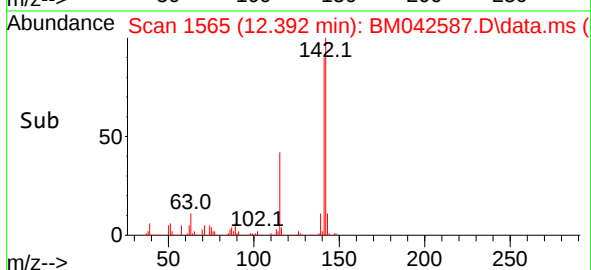
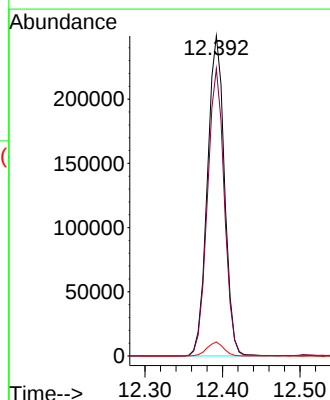
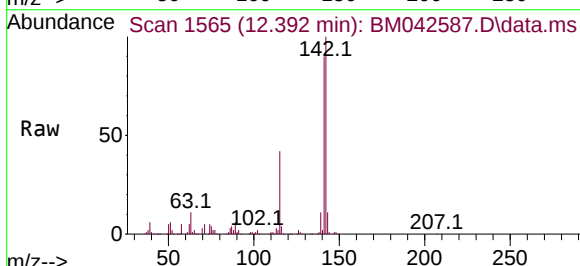
Instrument :
BNA_M
ClientSampleId :
PB156852BS

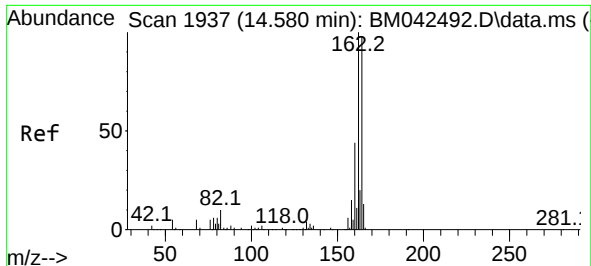
Tgt Ion:142 Resp: 380312
Ion Ratio Lower Upper
142 100
141 89.8 70.9 106.3
115 42.3 30.2 45.2



#38
1-Methylnaphthalene
Concen: 46.156 ng
RT: 12.392 min Scan# 1565
Delta R.T. -0.218 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion:142 Resp: 380312
Ion Ratio Lower Upper
142 100
141 89.8 74.4 111.6
116 4.4 3.2 4.8

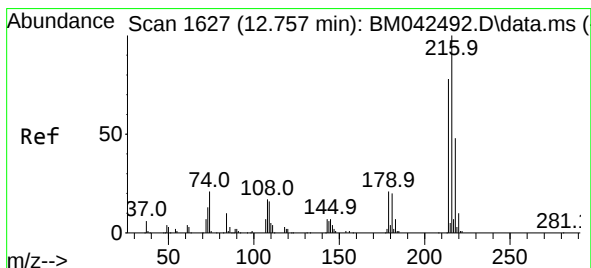
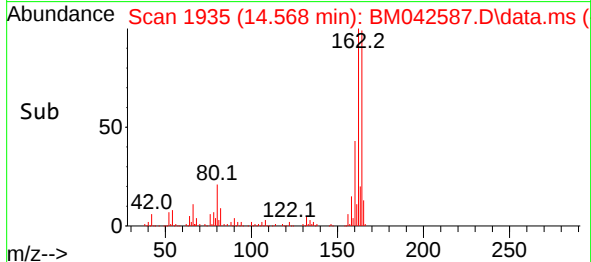
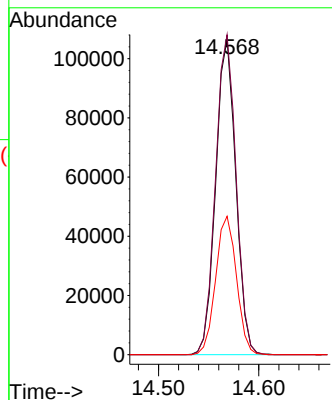
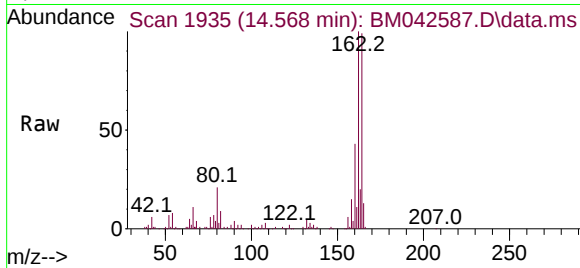




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1935
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

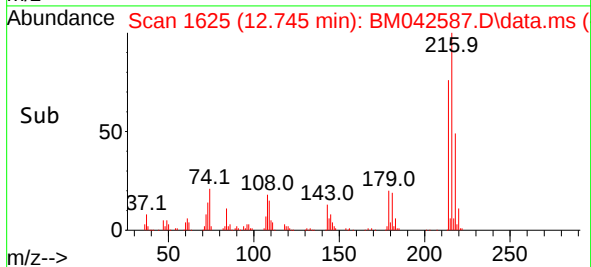
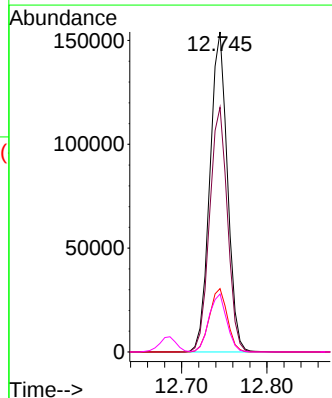
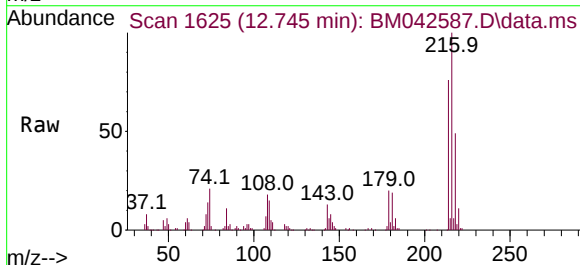
Instrument :
BNA_M
ClientSampleId :
PB156852BS

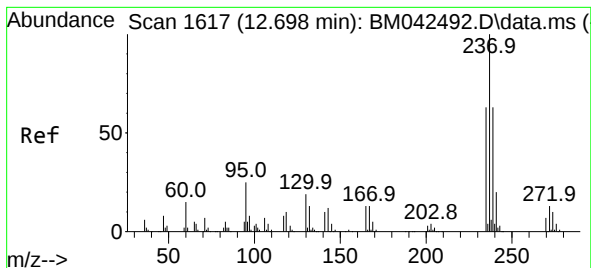
Tgt Ion:164 Resp: 148082
Ion Ratio Lower Upper
164 100
162 101.4 81.6 122.4
160 43.9 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.811 ng
RT: 12.745 min Scan# 1625
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion:216 Resp: 220361
Ion Ratio Lower Upper
216 100
214 77.7 62.5 93.7
179 20.2 16.7 25.1
108 18.3 15.5 23.3

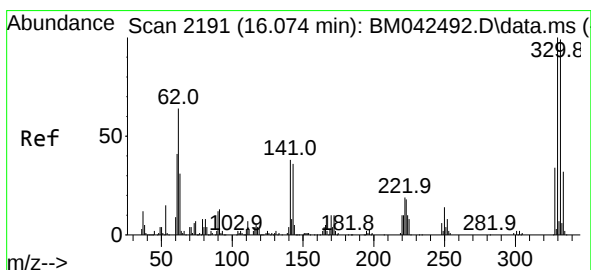
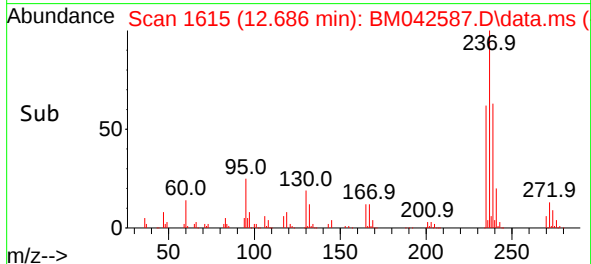
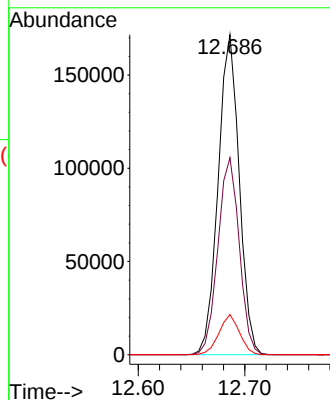
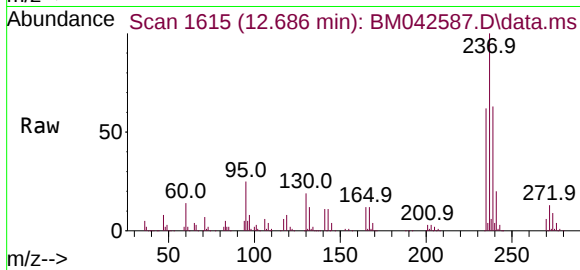




#41
Hexachlorocyclopentadiene
Concen: 88.200 ng
RT: 12.686 min Scan# 1
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

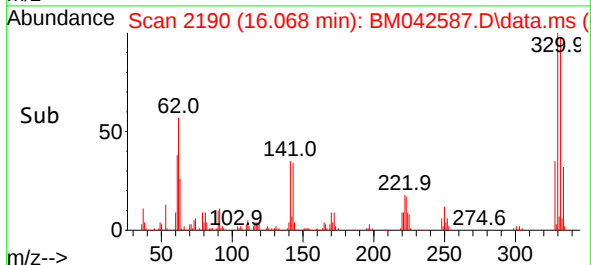
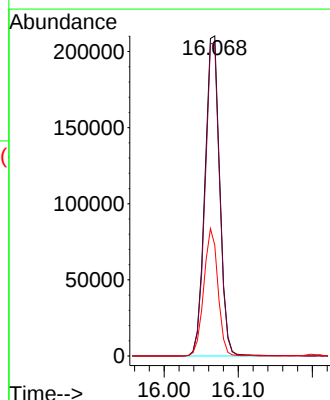
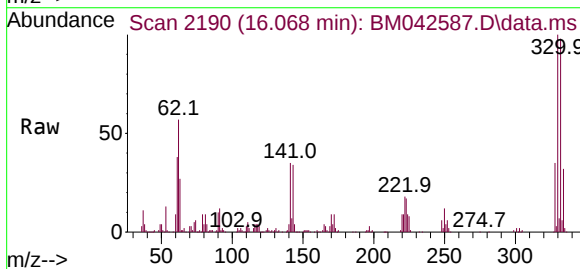
Instrument :
BNA_M
ClientSampleId :
PB156852BS

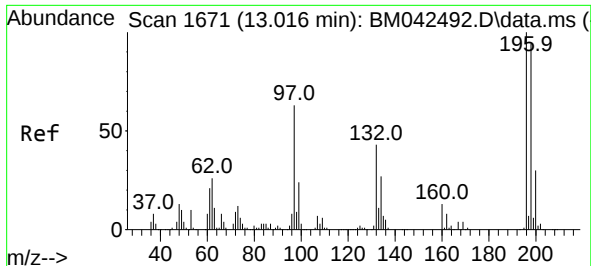
Tgt Ion:237 Resp: 235710
Ion Ratio Lower Upper
237 100
235 61.5 42.5 82.5
272 12.6 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 150.909 ng
RT: 16.068 min Scan# 2190
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion:330 Resp: 291759
Ion Ratio Lower Upper
330 100
332 96.6 78.8 118.2
141 38.0 31.1 46.7

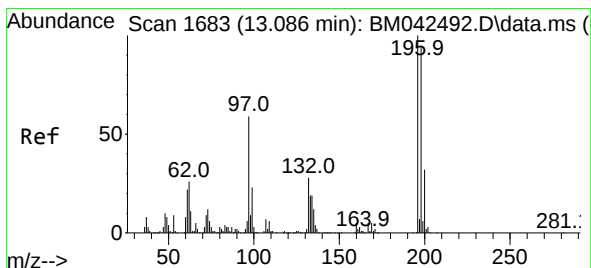
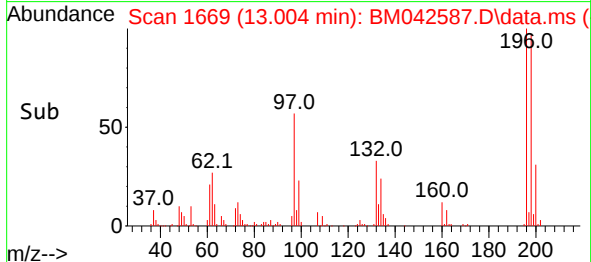
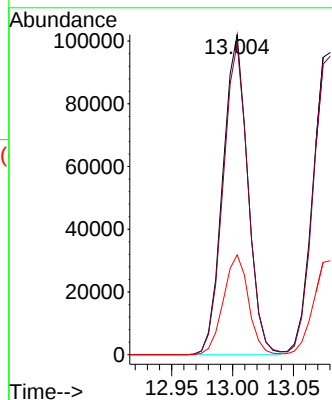
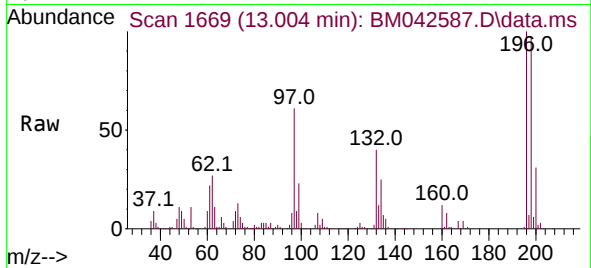




#43
2,4,6-Trichlorophenol
Concen: 51.287 ng
RT: 13.004 min Scan# 1
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

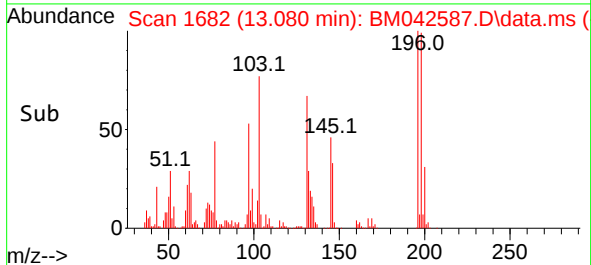
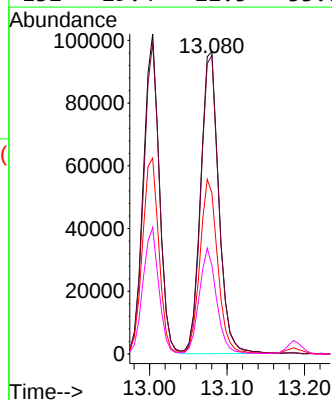
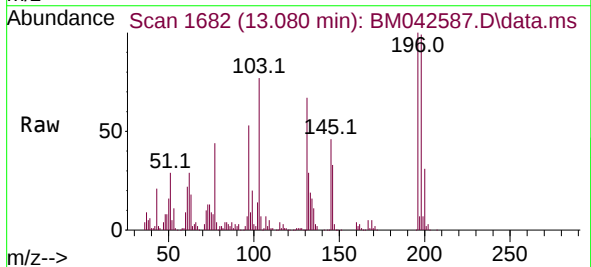
Instrument :
BNA_M
ClientSampleId :
PB156852BS

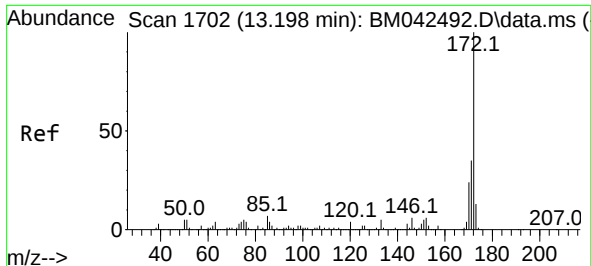
Tgt Ion:196 Resp: 145323
Ion Ratio Lower Upper
196 100
198 97.3 75.2 112.8
200 31.2 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 46.611 ng
RT: 13.080 min Scan# 1682
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion:196 Resp: 157165
Ion Ratio Lower Upper
196 100
198 98.8 75.1 112.7
97 53.3 47.4 71.0
132 29.4 22.5 33.7

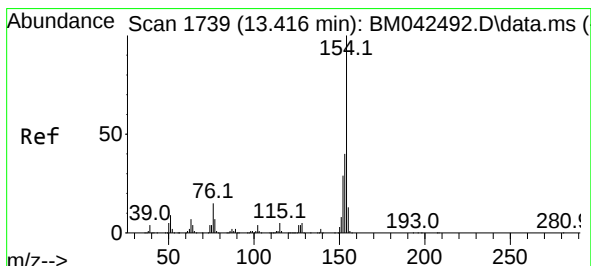
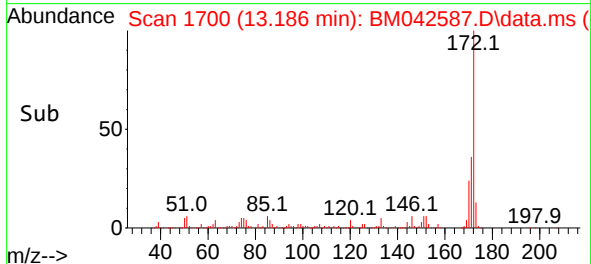
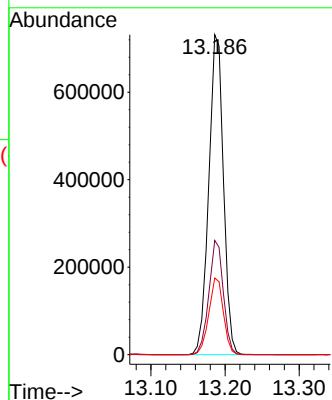
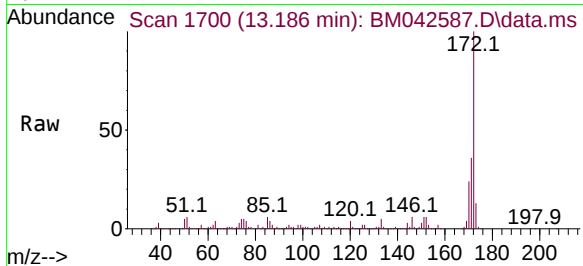




#45
2-Fluorobiphenyl
Concen: 91.488 ng
RT: 13.186 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

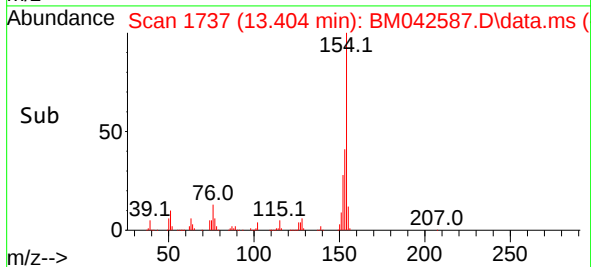
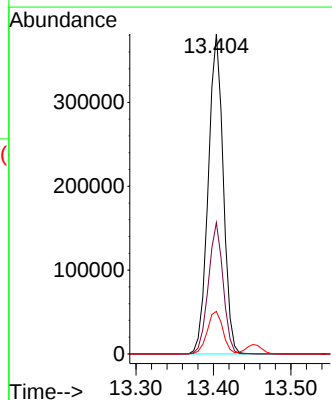
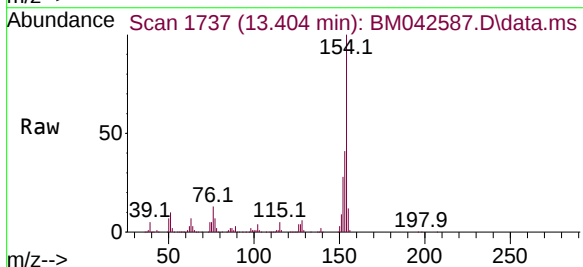
Instrument :
BNA_M
ClientSampleId :
PB156852BS

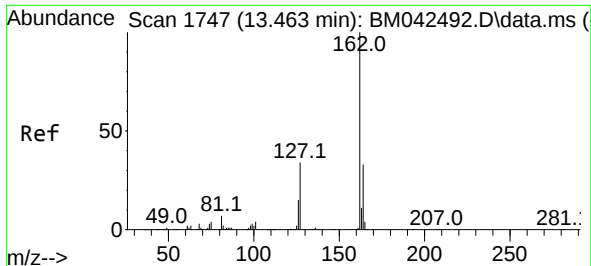
Tgt Ion:172 Resp: 1006818
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 24.0 19.0 28.4



#46
1,1'-Biphenyl
Concen: 45.157 ng
RT: 13.404 min Scan# 1737
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion:154 Resp: 511157
Ion Ratio Lower Upper
154 100
153 41.1 20.3 60.3
76 13.3 0.0 35.0

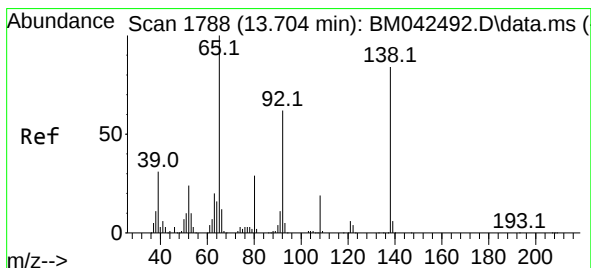
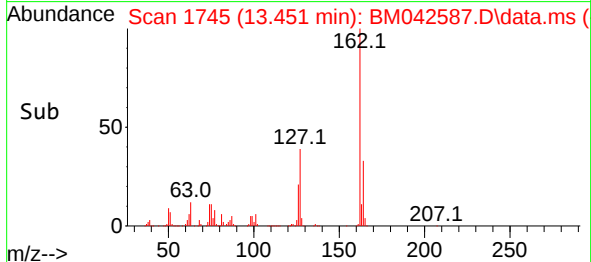
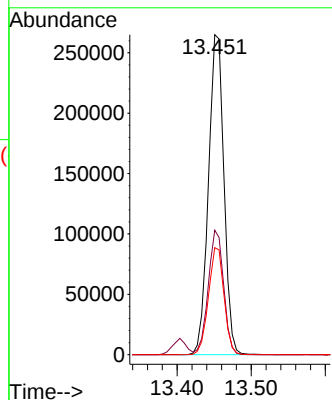
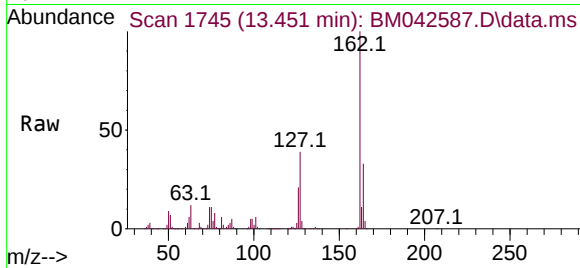




#47
2-Chloronaphthalene
Concen: 46.358 ng
RT: 13.451 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

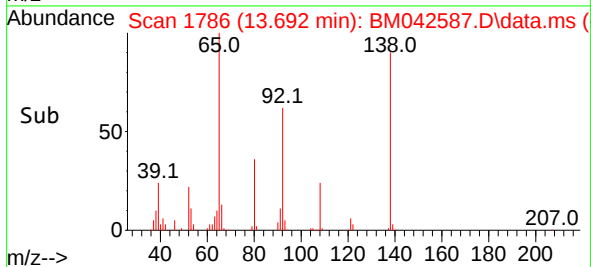
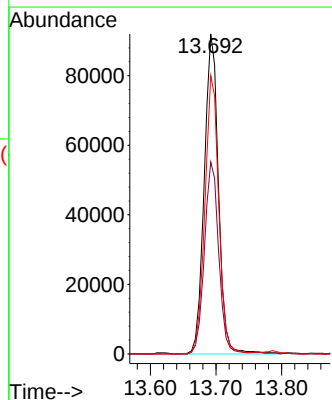
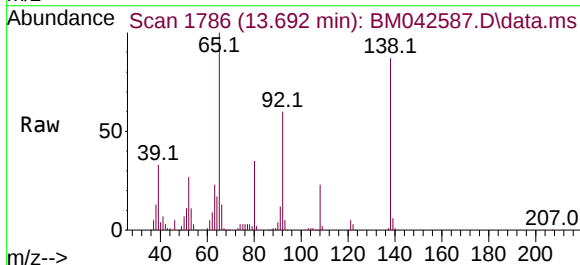
Instrument :
BNA_M
ClientSampleId :
PB156852BS

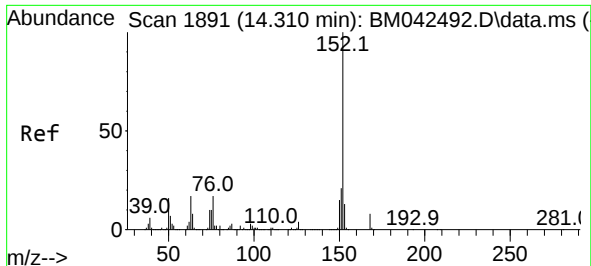
Tgt Ion:162 Resp: 384967
Ion Ratio Lower Upper
162 100
127 38.9 31.1 46.7
164 33.5 26.2 39.4



#48
2-Nitroaniline
Concen: 42.089 ng
RT: 13.692 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion: 65 Resp: 139000
Ion Ratio Lower Upper
65 100
92 60.0 49.4 74.2
138 87.0 66.9 100.3

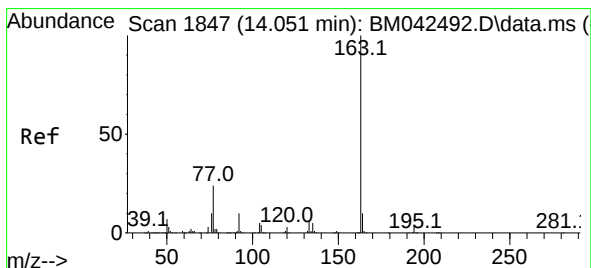
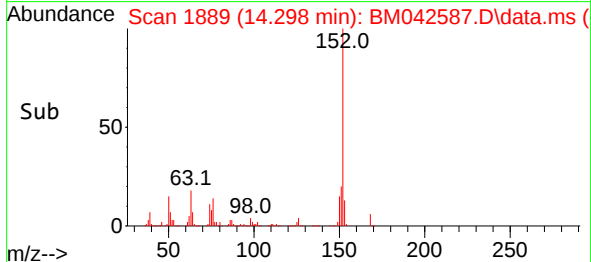
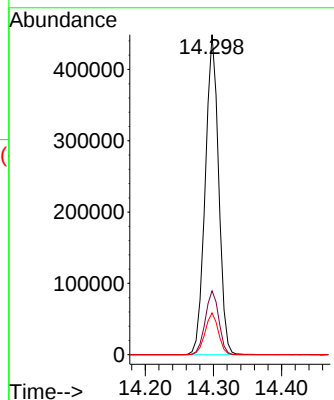
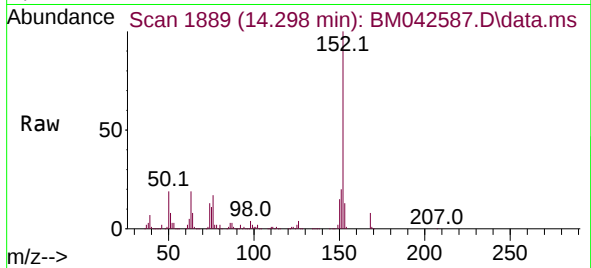




#49
Acenaphthylene
Concen: 44.555 ng
RT: 14.298 min Scan# 1889
Delta R.T. -0.000 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

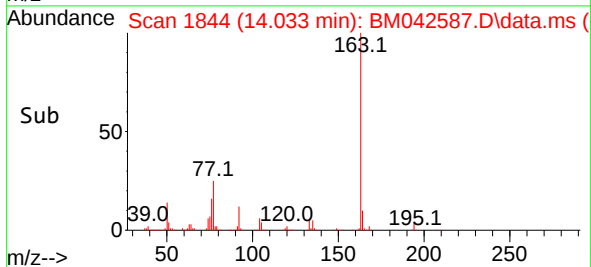
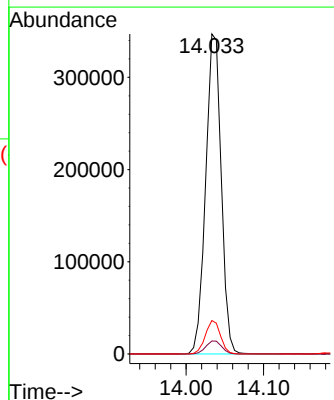
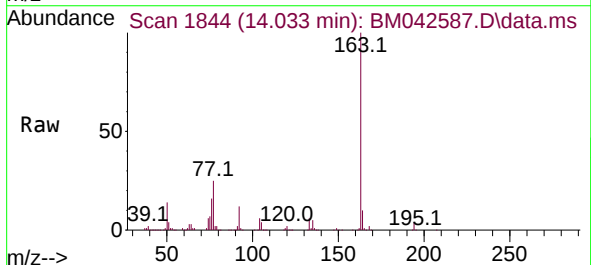
Instrument :
BNA_M
ClientSampleId :
PB156852BS

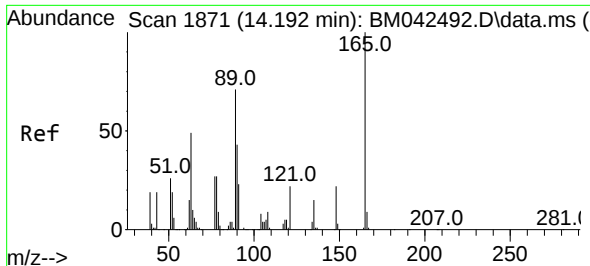
Tgt Ion:152 Resp: 612759
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6
153 13.1 10.4 15.6



#50
Dimethylphthalate
Concen: 43.619 ng
RT: 14.033 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion:163 Resp: 482761
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.5 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 44.444 ng

RT: 14.186 min Scan# 1871

Delta R.T. 0.005 min

Lab File: BM042587.D

Acq: 04 Nov 2023 12:05

Instrument :

BNA_M

ClientSampleId :

PB156852BS

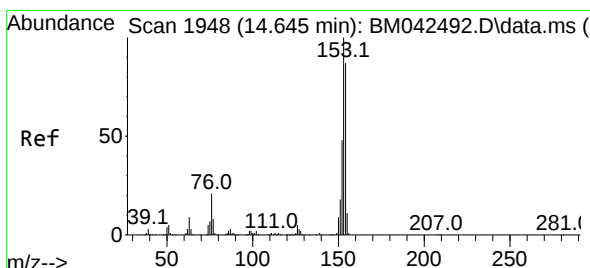
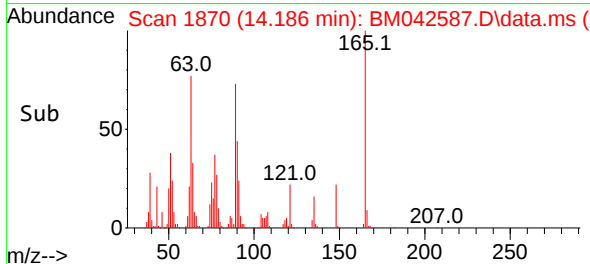
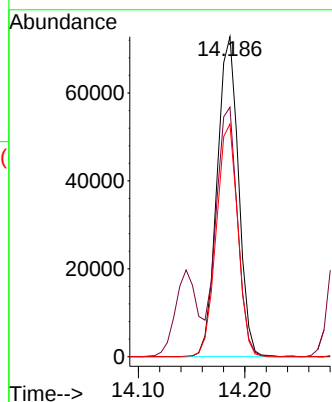
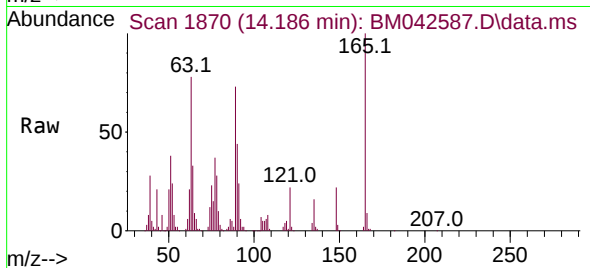
Tgt Ion:165 Resp: 101378

Ion Ratio Lower Upper

165 100

63 78.0 59.4 89.0

89 72.7 57.0 85.6



#52

Acenaphthene

Concen: 43.745 ng

RT: 14.633 min Scan# 1946

Delta R.T. -0.000 min

Lab File: BM042587.D

Acq: 04 Nov 2023 12:05

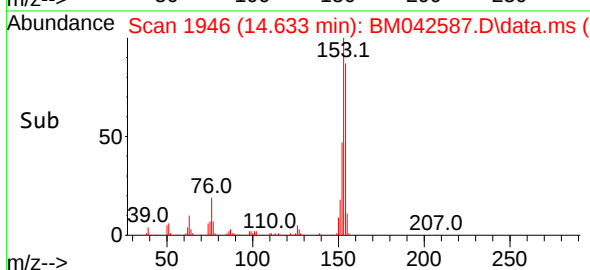
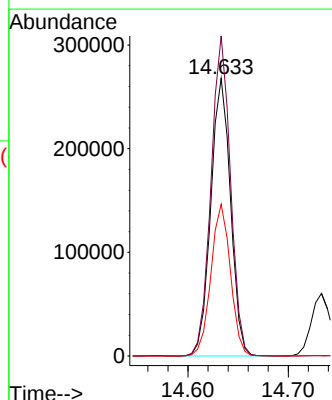
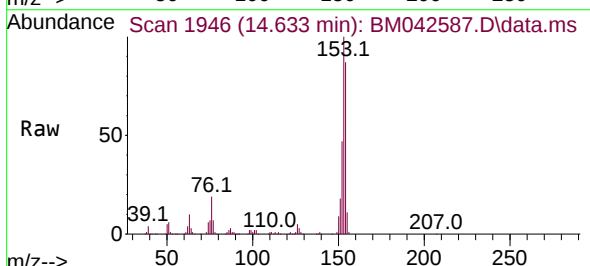
Tgt Ion:154 Resp: 365123

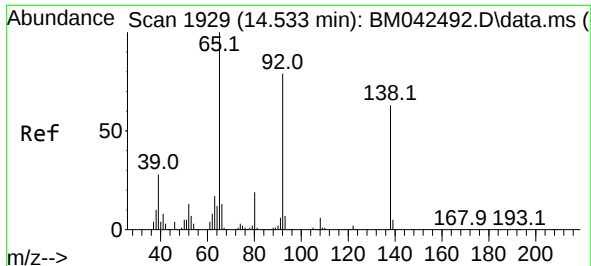
Ion Ratio Lower Upper

154 100

153 115.3 92.0 138.0

152 54.6 44.0 66.0

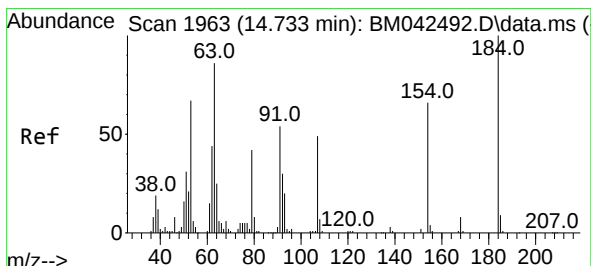
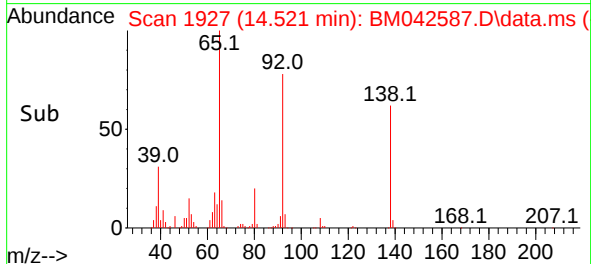
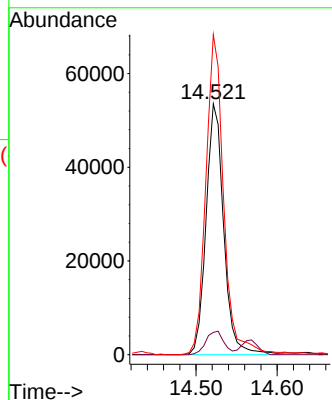
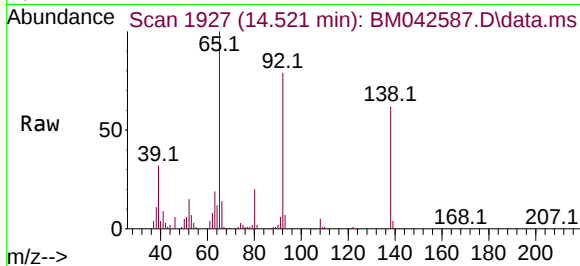




#53
3-Nitroaniline
Concen: 33.017 ng
RT: 14.521 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

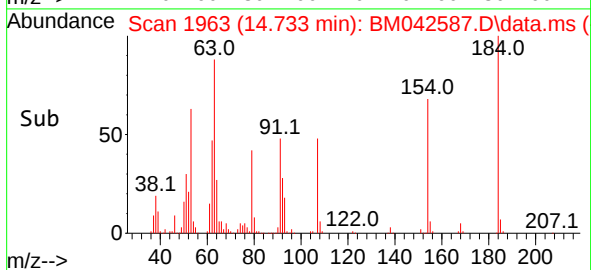
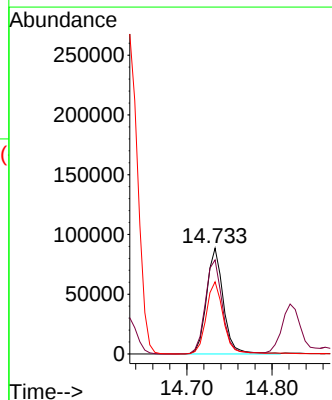
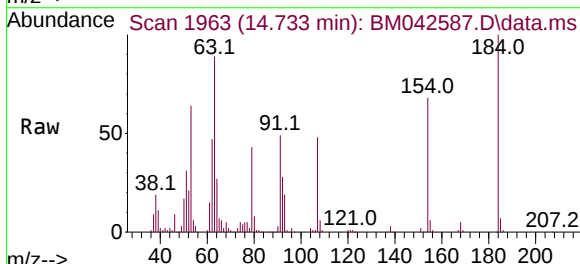
Instrument :
BNA_M
ClientSampleId :
PB156852BS

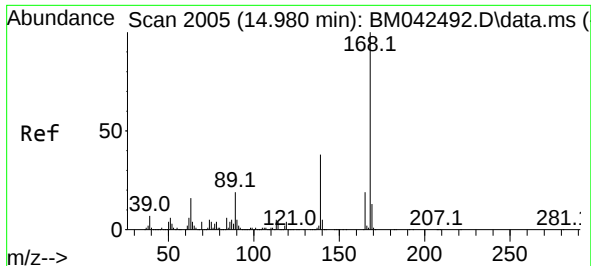
Tgt Ion:138 Resp: 80636
Ion Ratio Lower Upper
138 100
108 8.9 7.9 11.9
92 127.6 100.7 151.1



#54
2,4-Dinitrophenol
Concen: 75.369 ng
RT: 14.733 min Scan# 1963
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion:184 Resp: 121189
Ion Ratio Lower Upper
184 100
63 88.9 69.2 103.8
154 68.3 53.2 79.8

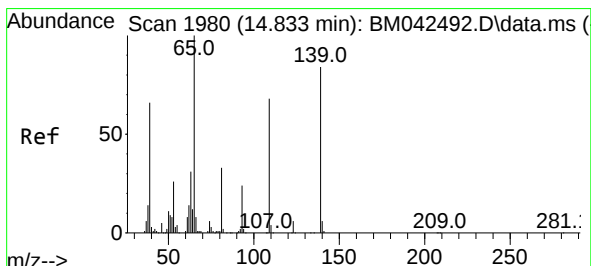
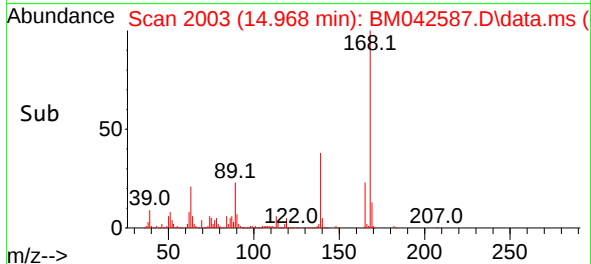
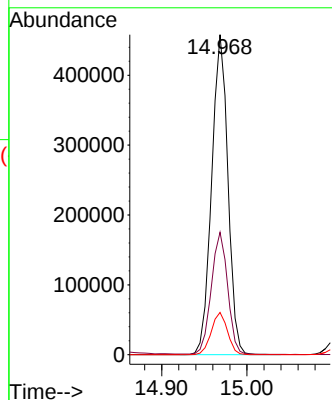
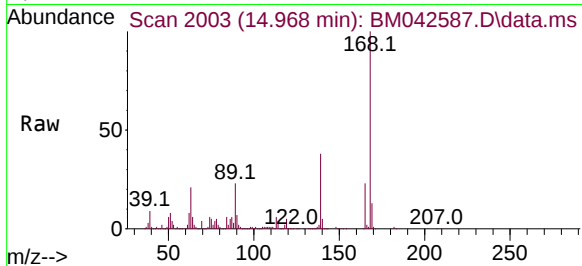




#55
Dibenzenofuran
Concen: 44.830 ng
RT: 14.968 min Scan# 20
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

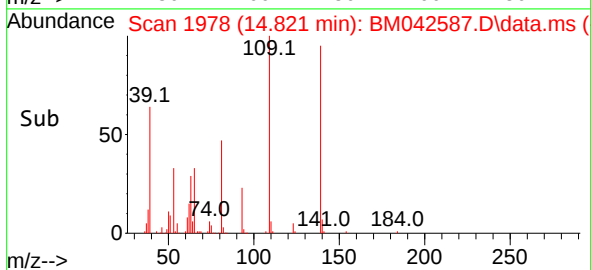
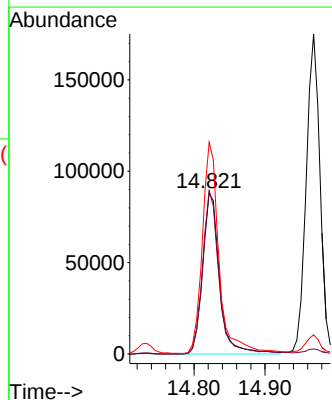
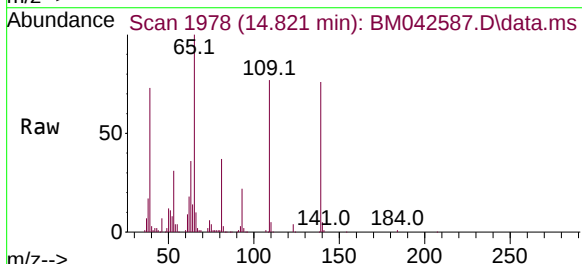
Instrument :
BNA_M
ClientSampleId :
PB156852BS

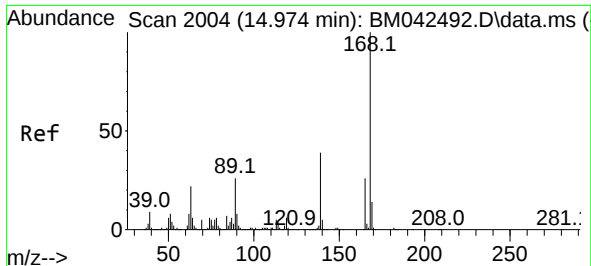
Tgt Ion:168 Resp: 608383
Ion Ratio Lower Upper
168 100
139 38.2 30.4 45.6
169 13.2 10.6 15.8



#56
4-Nitrophenol
Concen: 71.162 ng
RT: 14.821 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion:139 Resp: 145757
Ion Ratio Lower Upper
139 100
109 101.5 61.3 101.3#
65 131.5 100.2 140.2





#57

2,4-Dinitrotoluene

Concen: 41.027 ng

RT: 14.968 min Scan# 2004

Delta R.T. 0.005 min

Lab File: BM042587.D

Acq: 04 Nov 2023 12:05

Instrument :

BNA_M

ClientSampleId :

PB156852BS

Tgt Ion:165 Resp: 139642

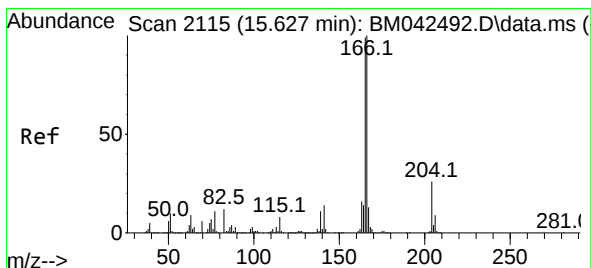
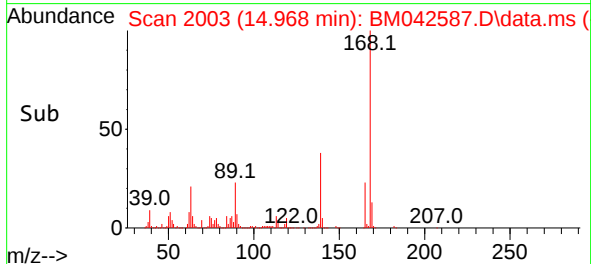
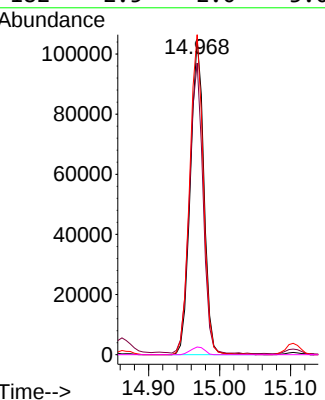
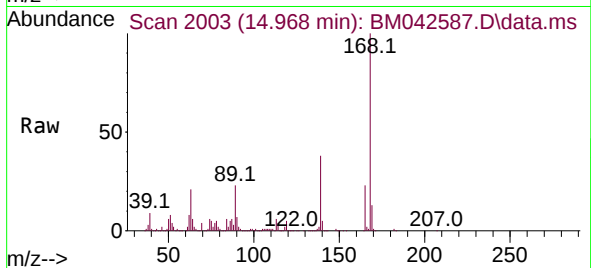
Ion Ratio Lower Upper

165 100

63 92.5 66.7 100.1

89 101.5 80.2 120.4

182 2.5 2.0 3.0



#58

Fluorene

Concen: 44.170 ng

RT: 15.615 min Scan# 2113

Delta R.T. -0.000 min

Lab File: BM042587.D

Acq: 04 Nov 2023 12:05

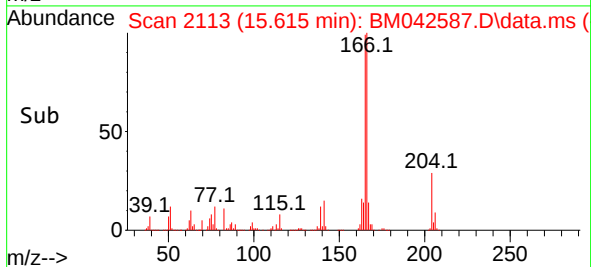
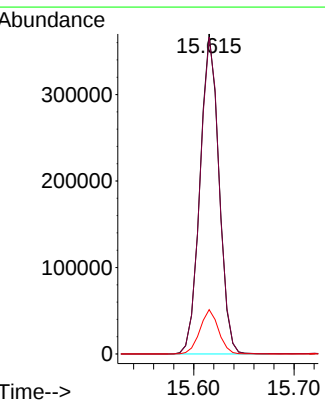
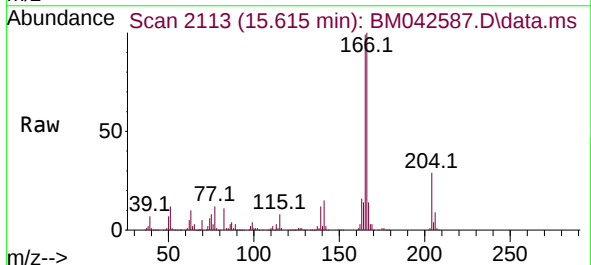
Tgt Ion:166 Resp: 484991

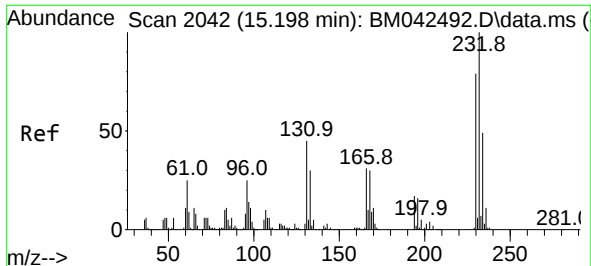
Ion Ratio Lower Upper

166 100

165 99.0 79.3 118.9

167 13.8 10.5 15.7

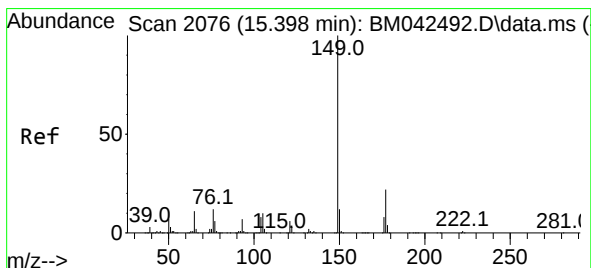
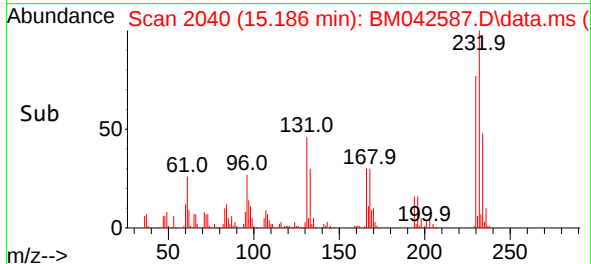
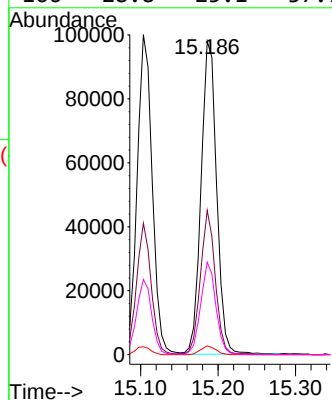
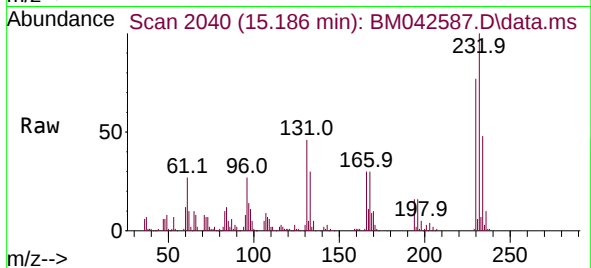




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.117 ng
RT: 15.186 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

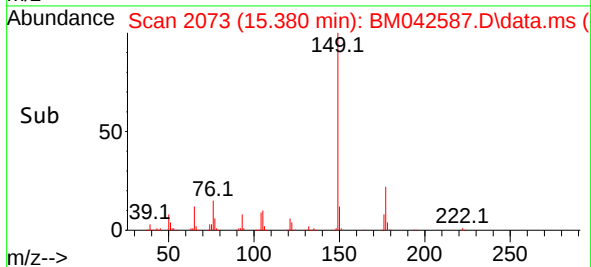
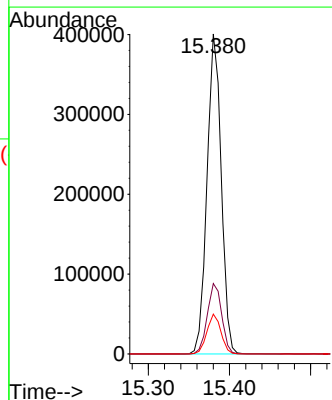
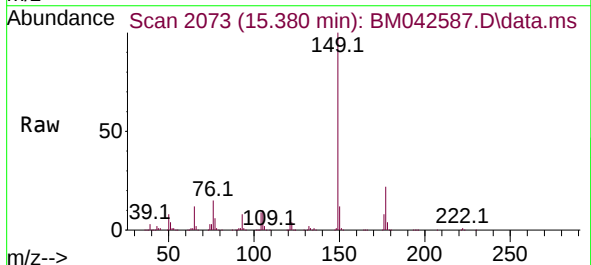
Instrument :
BNA_M
ClientSampleId :
PB156852BS

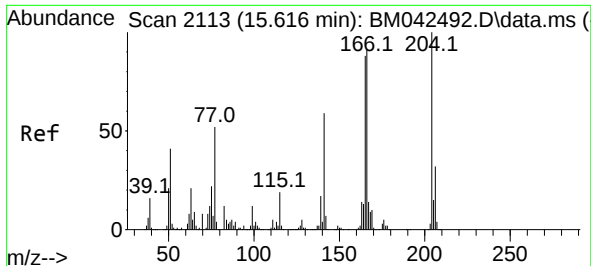
Tgt Ion:232 Resp: 136652
Ion Ratio Lower Upper
232 100
131 44.3 37.2 55.8
130 2.7 2.1 3.1
166 28.8 25.1 37.7



#60
Diethylphthalate
Concen: 43.297 ng
RT: 15.380 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion:149 Resp: 485481
Ion Ratio Lower Upper
149 100
177 22.0 17.8 26.6
150 12.5 9.8 14.6

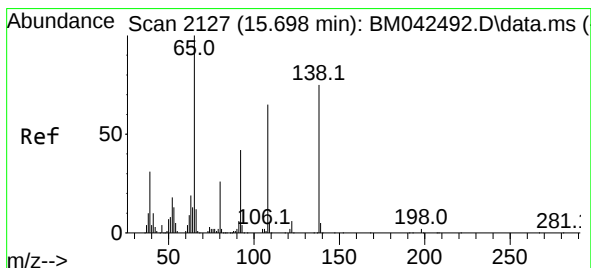
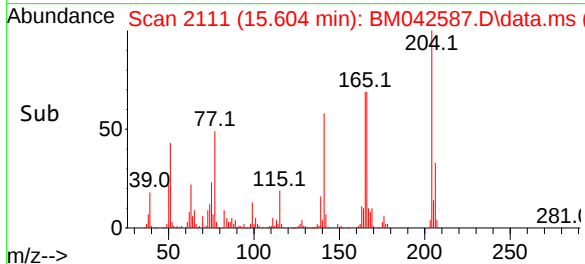
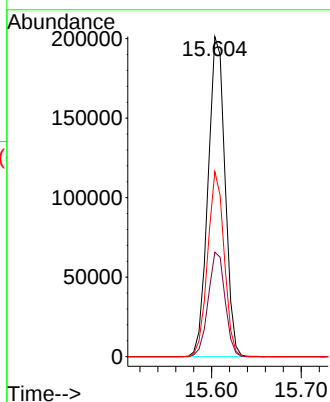
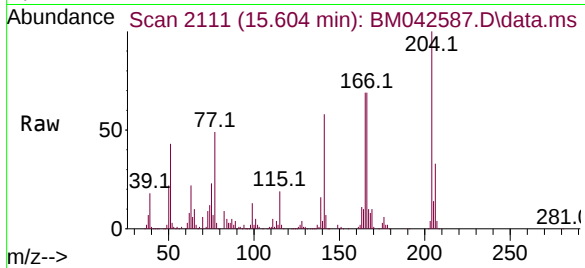




#61
4-Chlorophenyl-phenylether
Concen: 47.658 ng
RT: 15.604 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

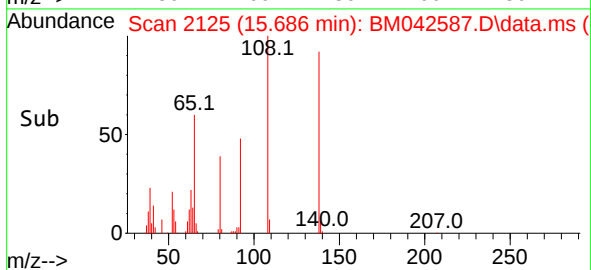
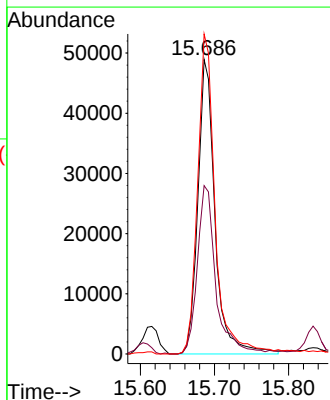
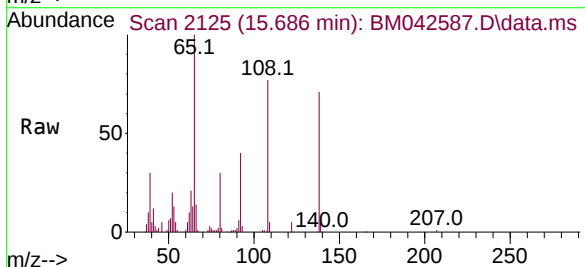
Instrument :
BNA_M
ClientSampleId :
PB156852BS

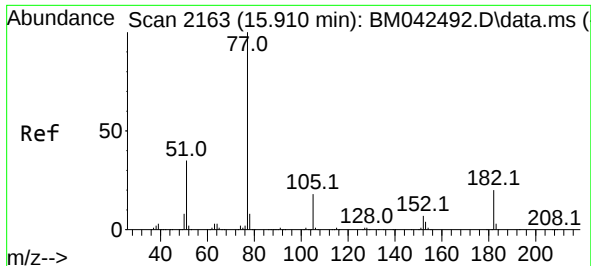
Tgt Ion:204 Resp: 264368
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 57.8 46.8 70.2



#62
4-Nitroaniline
Concen: 36.021 ng
RT: 15.686 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion:138 Resp: 78581
Ion Ratio Lower Upper
138 100
92 57.2 37.0 77.0
108 108.7 67.2 107.2#

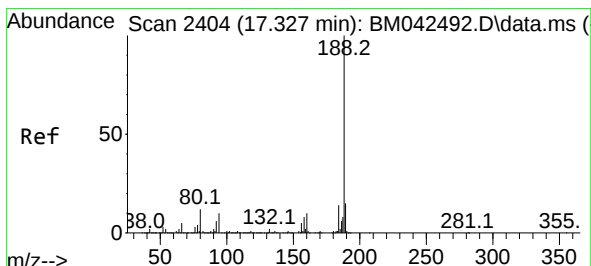
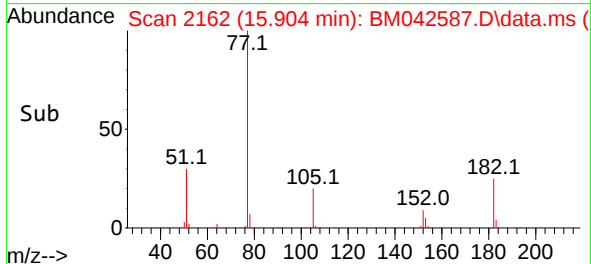
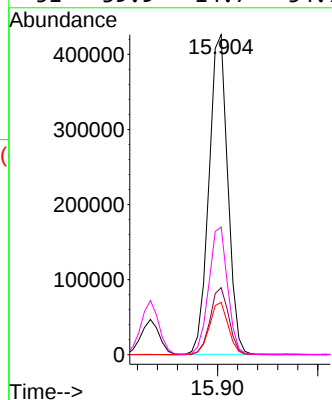
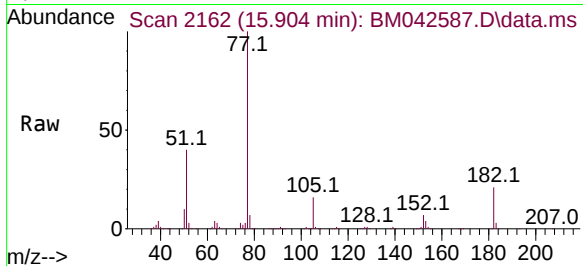




#63
Azobenzene
Concen: 44.981 ng
RT: 15.904 min Scan# 2163
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

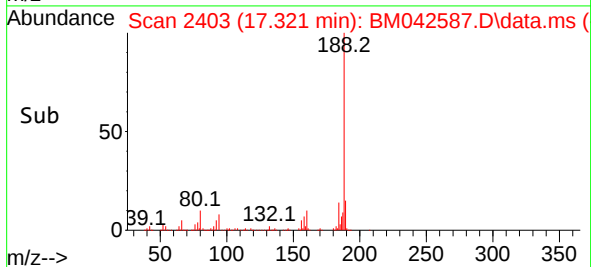
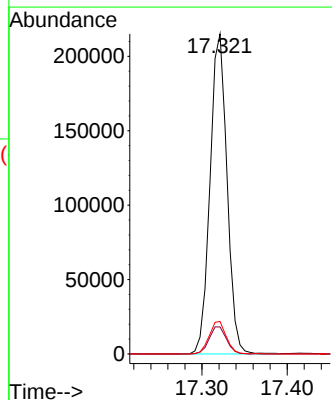
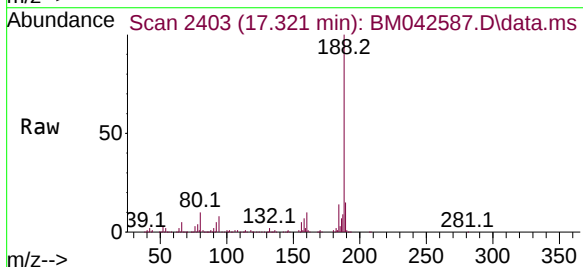
Instrument :
BNA_M
ClientSampleId :
PB156852BS

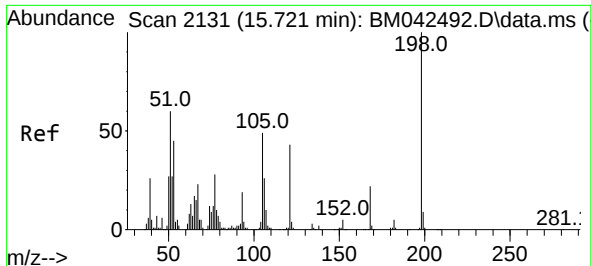
Tgt Ion: 77	Resp: 555792
Ion Ratio	Lower Upper
77 100	
182 21.0	0.0 40.0
105 16.4	0.0 37.9
51 39.9	14.7 54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2403
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion:188	Resp: 297437		
Ion Ratio	Lower	Upper	
188 100			
94 8.5	8.2	12.4	
80 10.1	9.4	14.2	

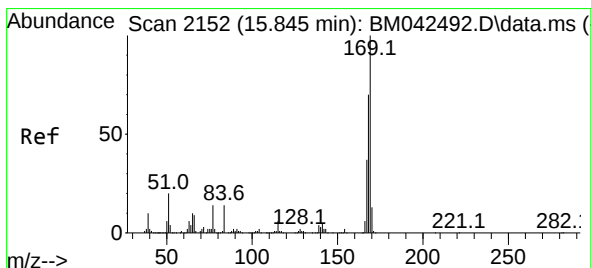
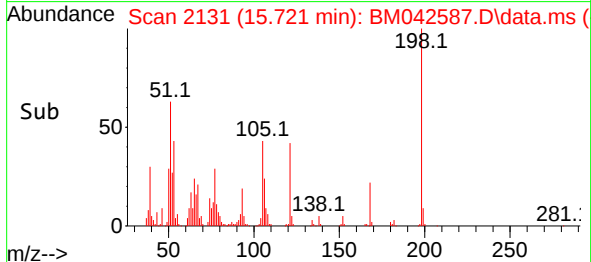
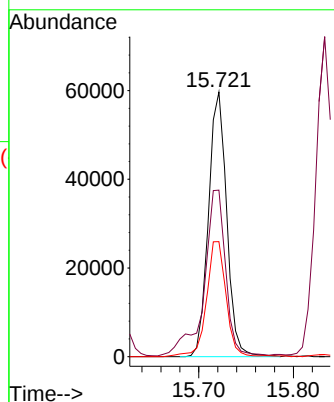
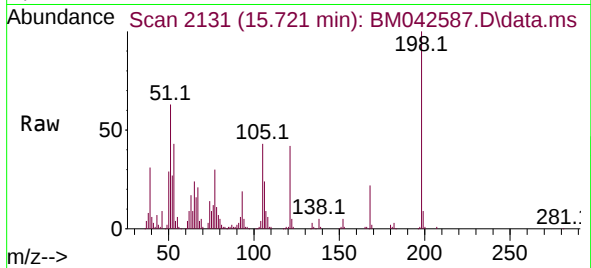




#65
4,6-Dinitro-2-methylphenol
Concen: 42.424 ng
RT: 15.721 min Scan# 2131
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

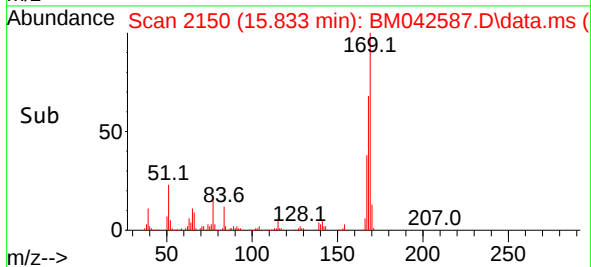
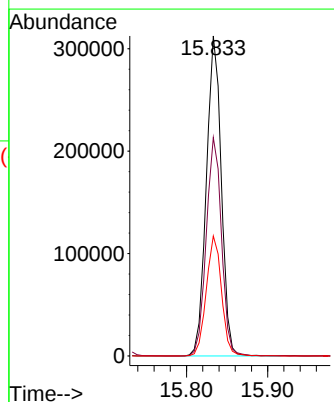
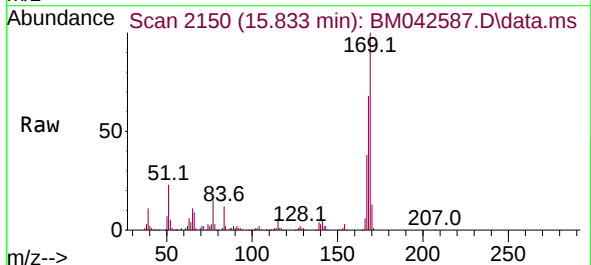
Instrument :
BNA_M
ClientSampleId :
PB156852BS

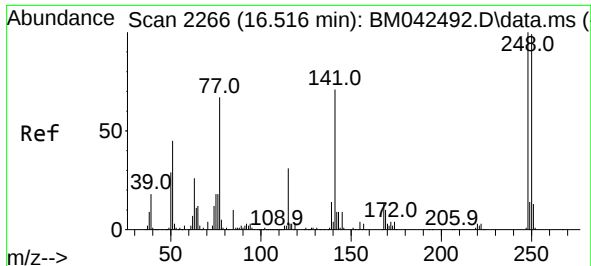
Tgt Ion:198 Resp: 79644
Ion Ratio Lower Upper
198 100
51 62.9 42.4 82.4
105 43.5 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 47.496 ng
RT: 15.833 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion:169 Resp: 398336
Ion Ratio Lower Upper
169 100
168 68.2 55.9 83.9
167 37.5 29.8 44.8

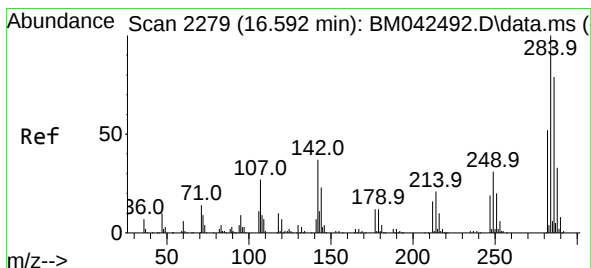
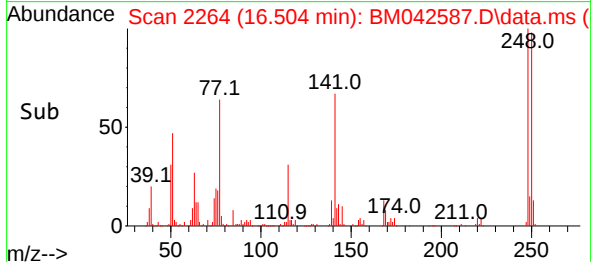
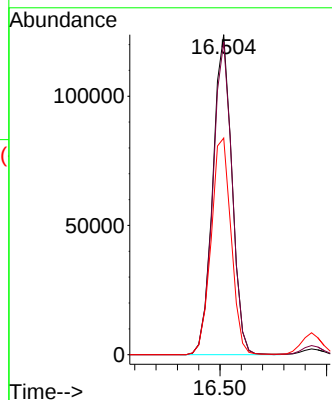
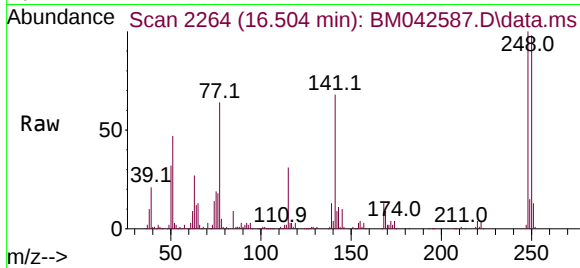




#67
4-Bromophenyl-phenylether
Concen: 51.867 ng
RT: 16.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

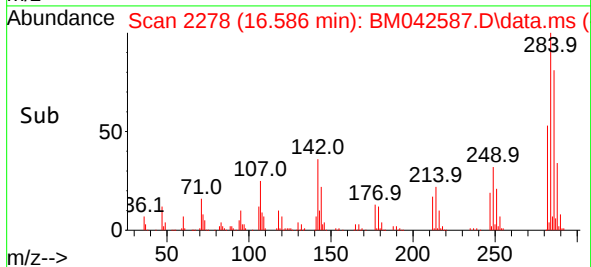
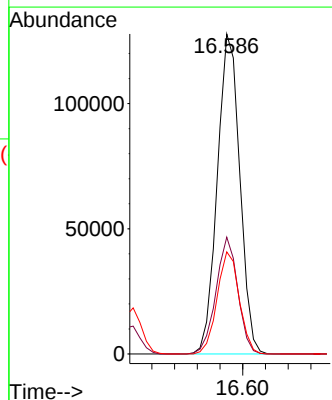
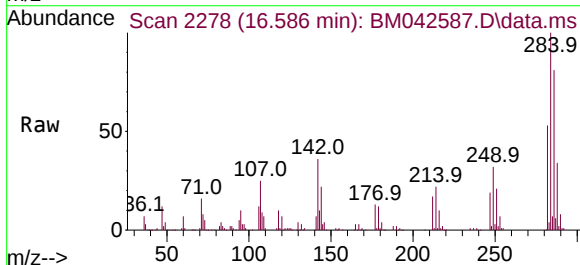
Instrument :
BNA_M
ClientSampleId :
PB156852BS

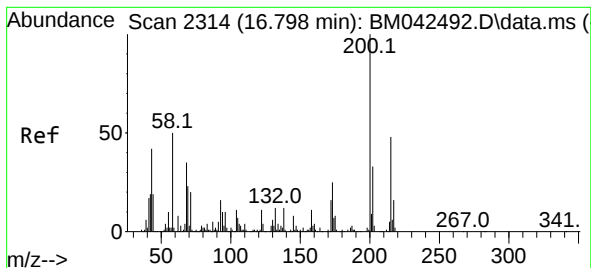
Tgt Ion:248 Resp: 154262
Ion Ratio Lower Upper
248 100
250 97.7 79.4 119.0
141 67.7 57.0 85.6



#68
Hexachlorobenzene
Concen: 53.427 ng
RT: 16.586 min Scan# 2278
Delta R.T. -0.000 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion:284 Resp: 175792
Ion Ratio Lower Upper
284 100
142 36.5 29.8 44.6
249 31.9 25.1 37.7





#69

Atrazine

Concen: 36.763 ng

RT: 16.780 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042587.D

Acq: 04 Nov 2023 12:05

Instrument :

BNA_M

ClientSampleId :

PB156852BS

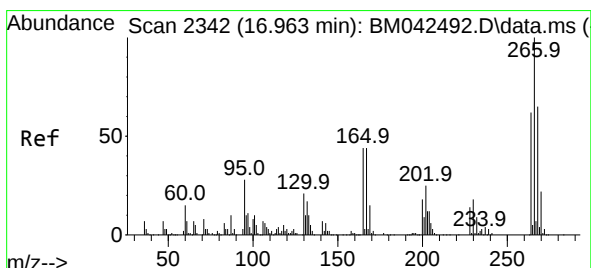
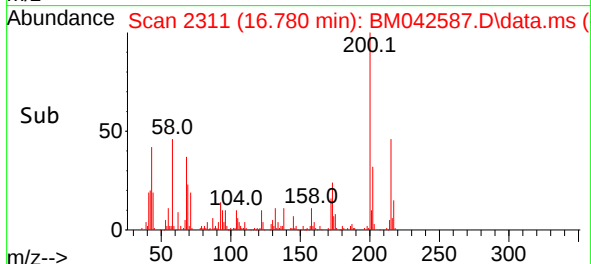
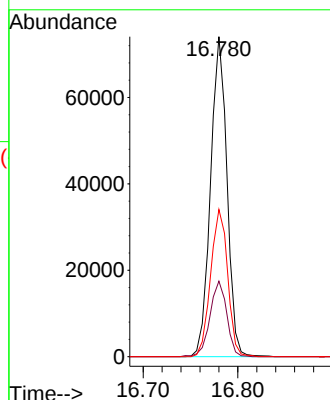
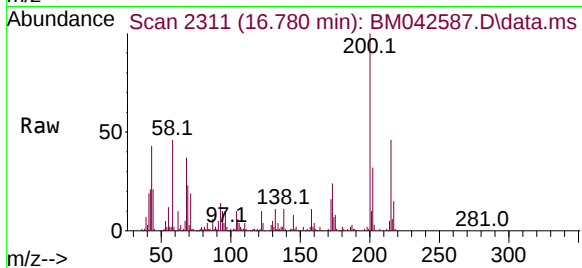
Tgt Ion:200 Resp: 89088

Ion Ratio Lower Upper

200 100

173 23.6 5.4 45.4

215 46.0 27.9 67.9



#70

Pentachlorophenol

Concen: 85.451 ng

RT: 16.956 min Scan# 2341

Delta R.T. 0.005 min

Lab File: BM042587.D

Acq: 04 Nov 2023 12:05

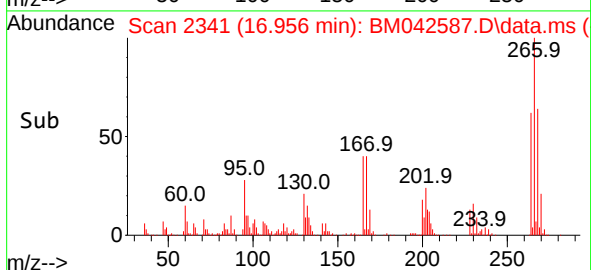
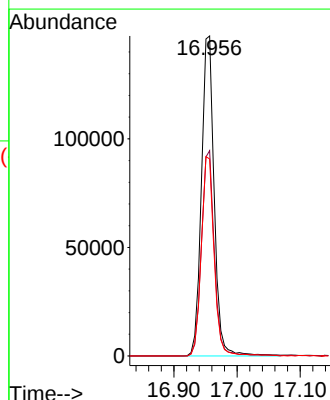
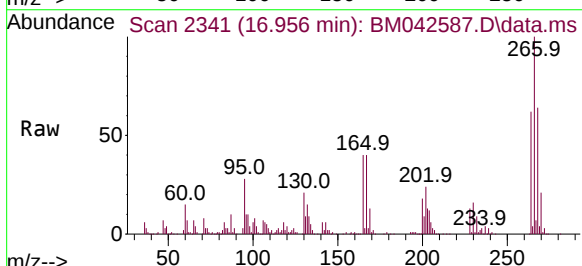
Tgt Ion:266 Resp: 206703

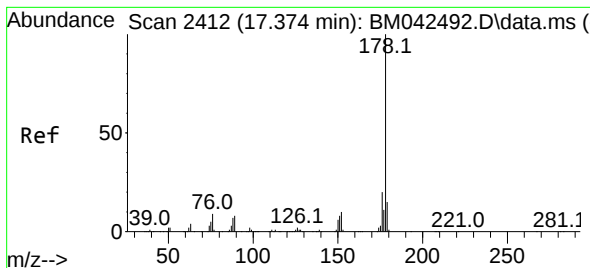
Ion Ratio Lower Upper

266 100

268 64.2 51.7 77.5

264 61.5 49.4 74.2





#71

Phenanthrene

Concen: 44.571 ng

RT: 17.362 min Scan# 2412

Delta R.T. -0.000 min

Lab File: BM042587.D

Acq: 04 Nov 2023 12:05

Instrument :

BNA_M

ClientSampleId :

PB156852BS

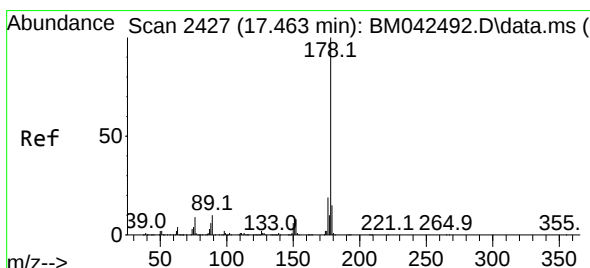
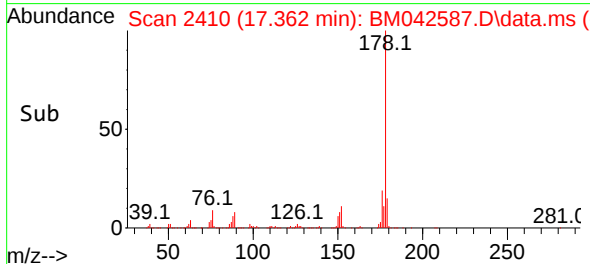
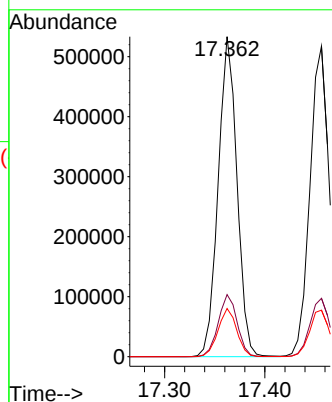
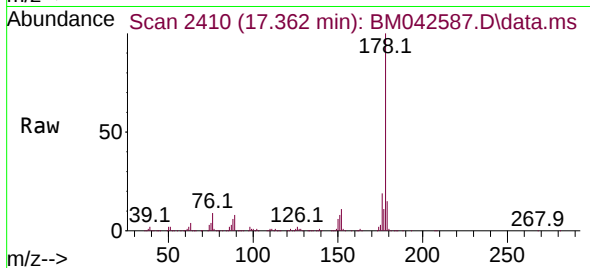
Tgt Ion:178 Resp: 692810

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

179 15.1 12.2 18.4



#72

Anthracene

Concen: 44.991 ng

RT: 17.456 min Scan# 2426

Delta R.T. 0.005 min

Lab File: BM042587.D

Acq: 04 Nov 2023 12:05

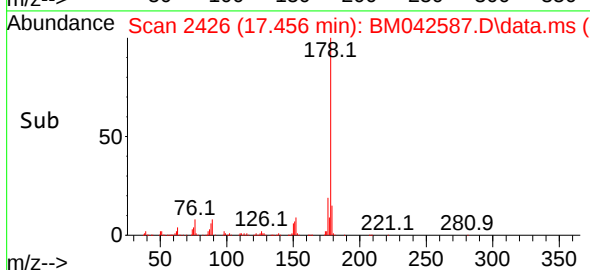
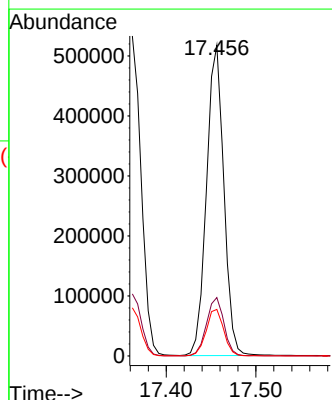
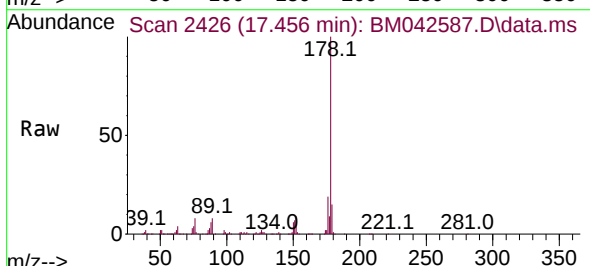
Tgt Ion:178 Resp: 692685

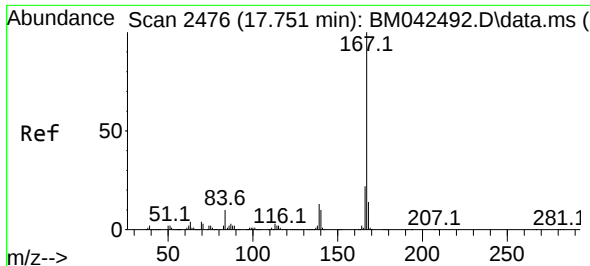
Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

179 15.0 12.3 18.5

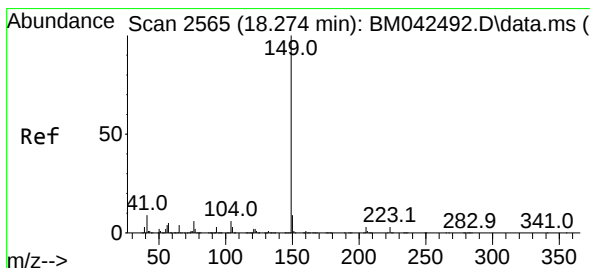
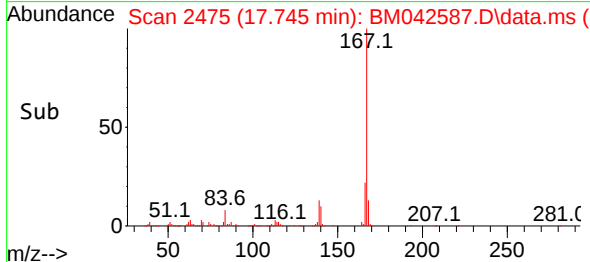
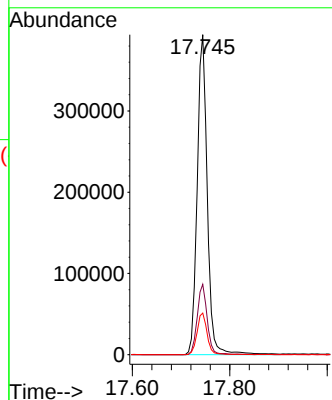
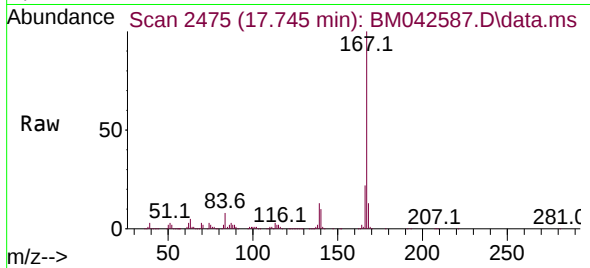




#73
 Carbazole
 Concen: 45.526 ng
 RT: 17.745 min Scan# 24
 Delta R.T. 0.005 min
 Lab File: BM042587.D
 Acq: 04 Nov 2023 12:05

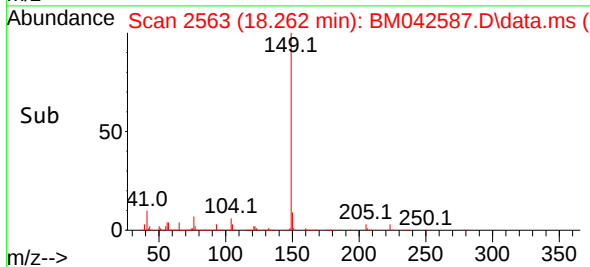
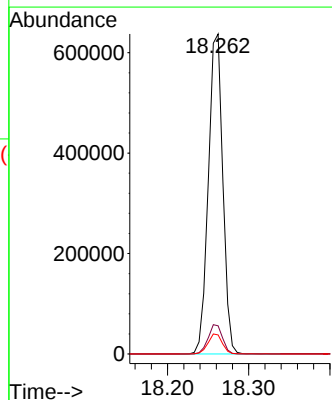
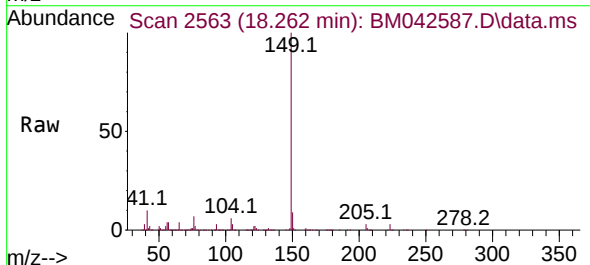
Instrument :
 BNA_M
 ClientSampleId :
 PB156852BS

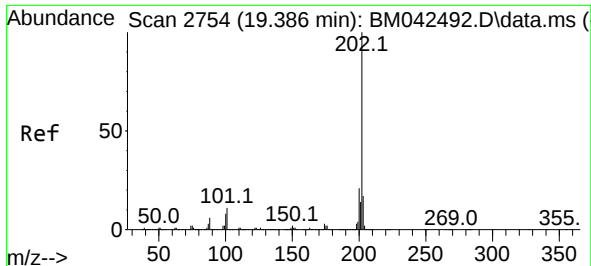
Tgt Ion:167 Resp: 570204
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 13.0 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 44.695 ng
 RT: 18.262 min Scan# 2563
 Delta R.T. 0.005 min
 Lab File: BM042587.D
 Acq: 04 Nov 2023 12:05

Tgt Ion:149 Resp: 786123
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.0 10.6
 104 6.0 4.6 6.8

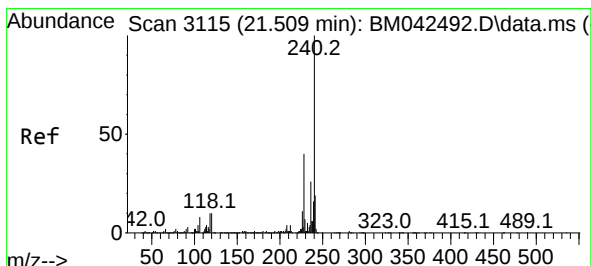
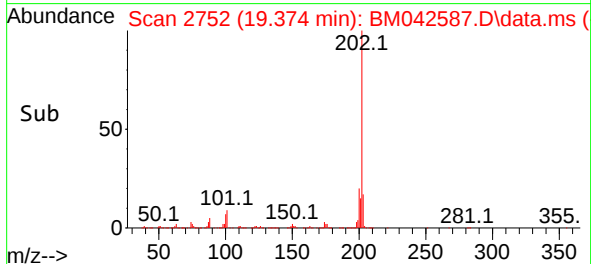
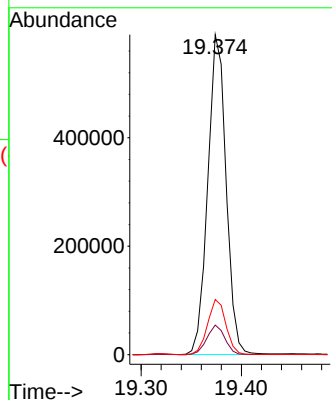
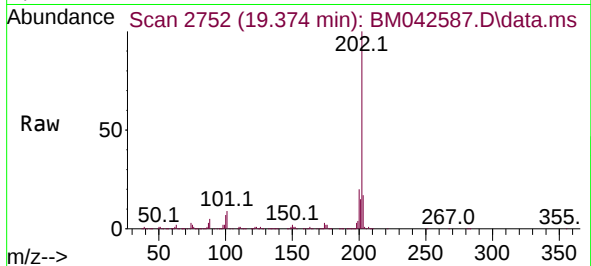




#75
Fluoranthene
Concen: 41.088 ng
RT: 19.374 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

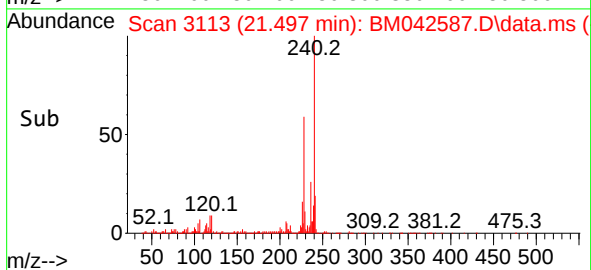
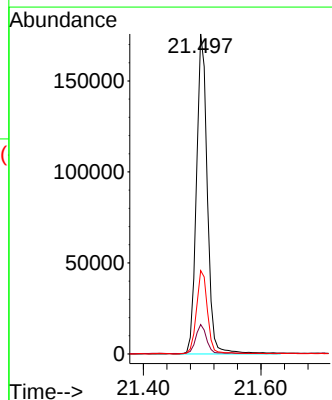
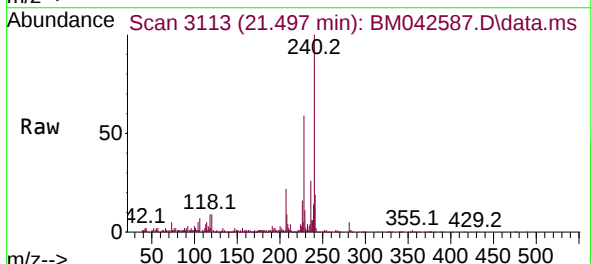
Instrument :
BNA_M
ClientSampleId :
PB156852BS

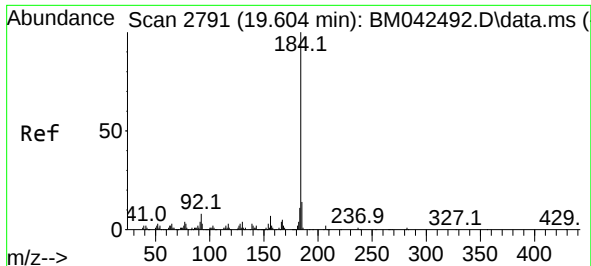
Tgt Ion:202 Resp: 750214
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.5
203 17.2 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.497 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion:240 Resp: 225701
Ion Ratio Lower Upper
240 100
120 9.2 8.3 12.5
236 26.1 20.8 31.2

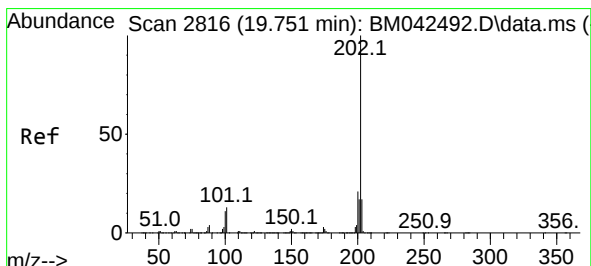
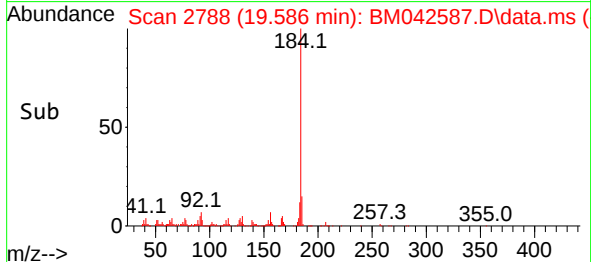
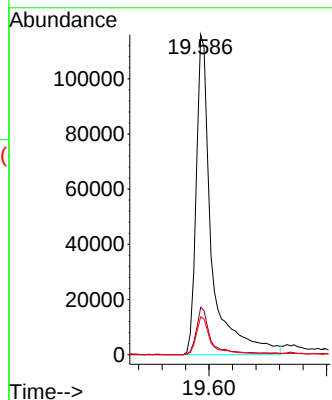
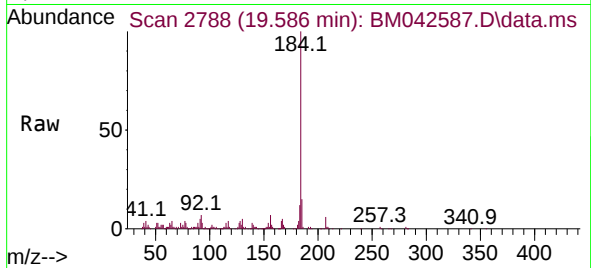




#77
Benzidine
Concen: 97.767 ng
RT: 19.586 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

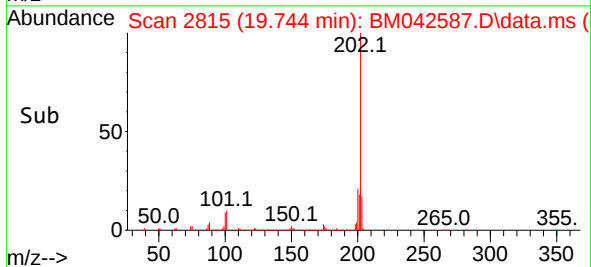
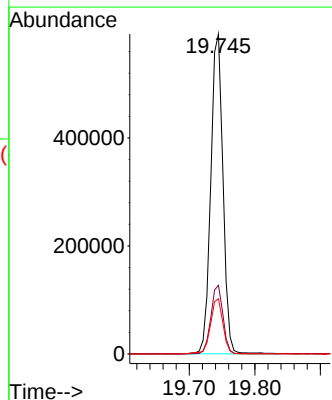
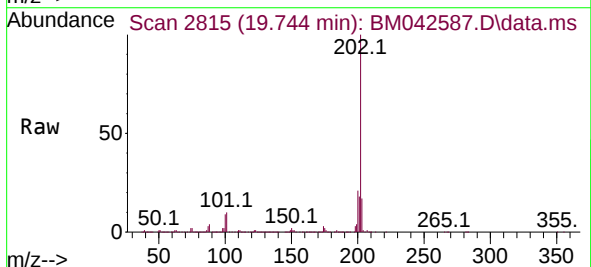
Instrument :
BNA_M
ClientSampleId :
PB156852BS

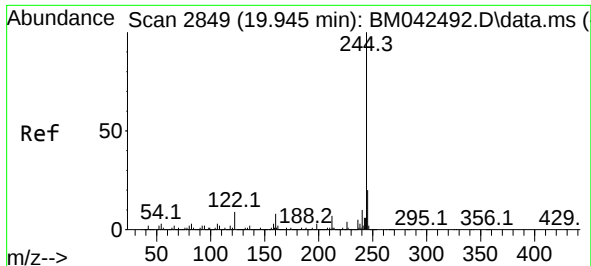
Tgt Ion:184 Resp: 211665
Ion Ratio Lower Upper
184 100
185 14.8 11.2 16.8
183 11.8 9.0 13.4



#78
Pyrene
Concen: 49.546 ng
RT: 19.744 min Scan# 2815
Delta R.T. 0.005 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion:202 Resp: 767875
Ion Ratio Lower Upper
202 100
200 21.5 16.9 25.3
203 17.2 13.7 20.5

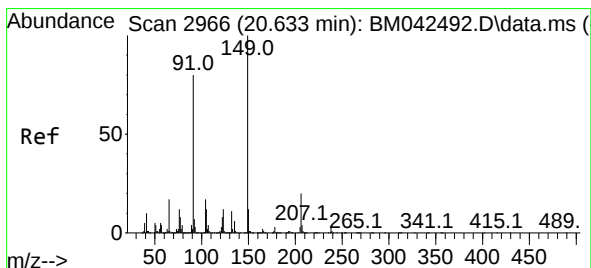
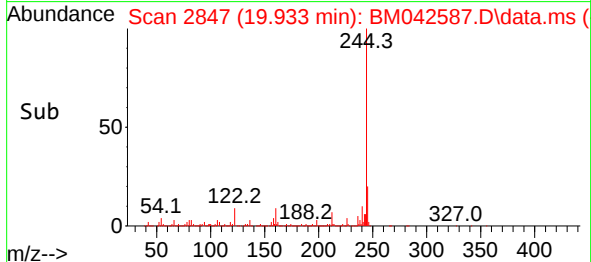
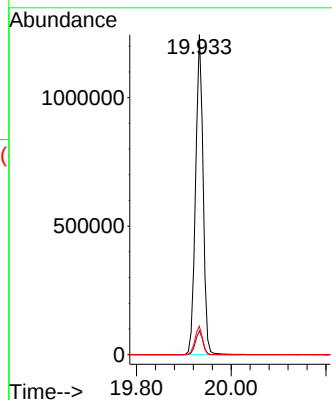
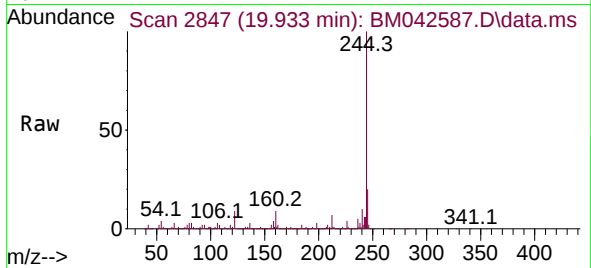




#79
 Terphenyl-d14
 Concen: 103.040 ng
 RT: 19.933 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM042587.D
 Acq: 04 Nov 2023 12:05

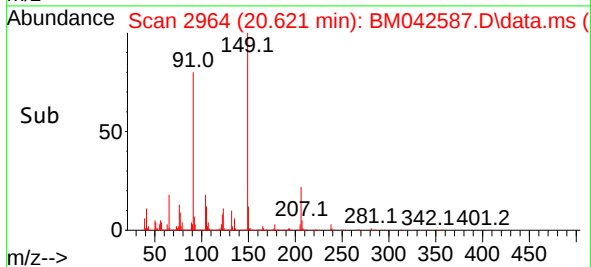
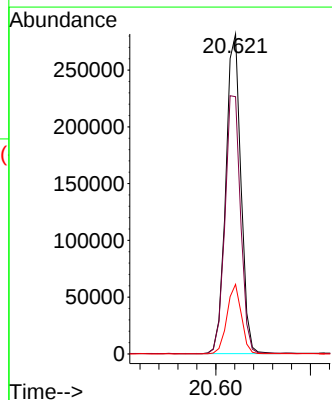
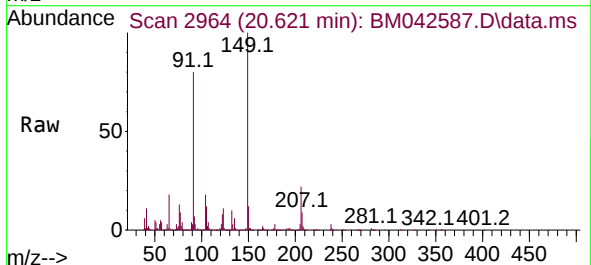
Instrument :
 BNA_M
 ClientSampleId :
 PB156852BS

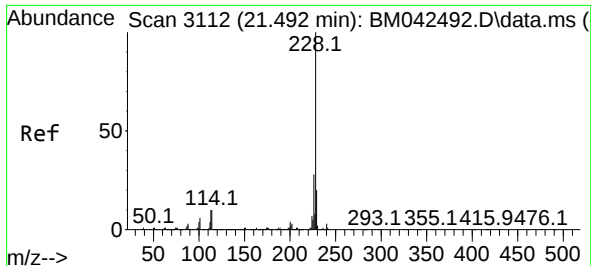
Tgt Ion:244 Resp: 1371558
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 8.9 7.2 10.8



#80
 Butylbenzylphthalate
 Concen: 47.168 ng
 RT: 20.621 min Scan# 2964
 Delta R.T. -0.000 min
 Lab File: BM042587.D
 Acq: 04 Nov 2023 12:05

Tgt Ion:149 Resp: 312223
 Ion Ratio Lower Upper
 149 100
 91 80.4 64.2 96.4
 206 21.8 16.1 24.1

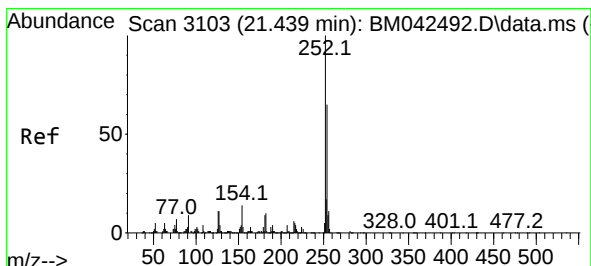
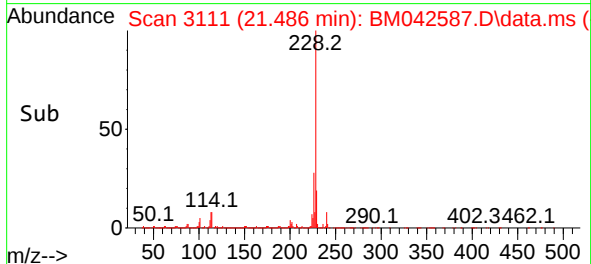
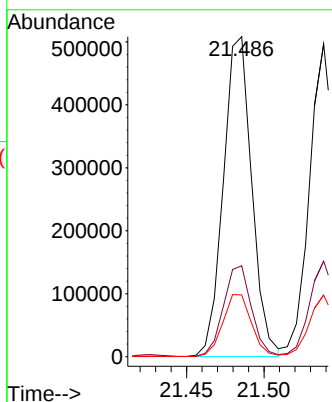
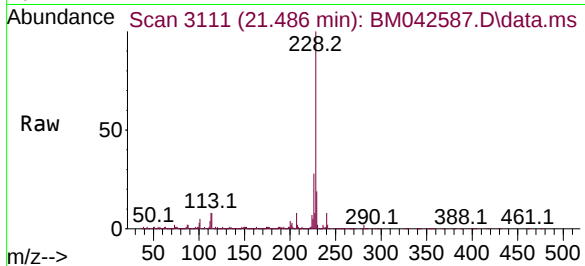




#81
Benzo(a)anthracene
Concen: 45.117 ng
RT: 21.486 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

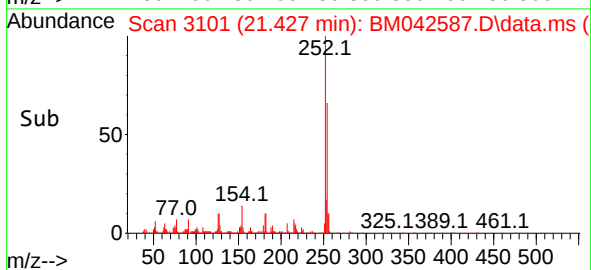
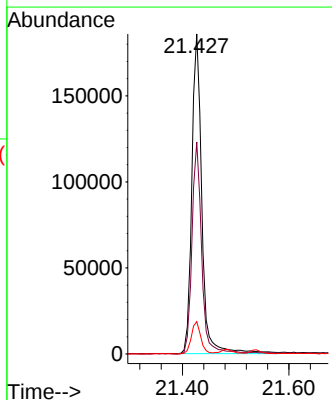
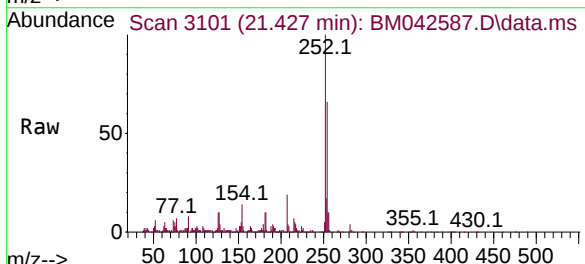
Instrument :
BNA_M
ClientSampleId :
PB156852BS

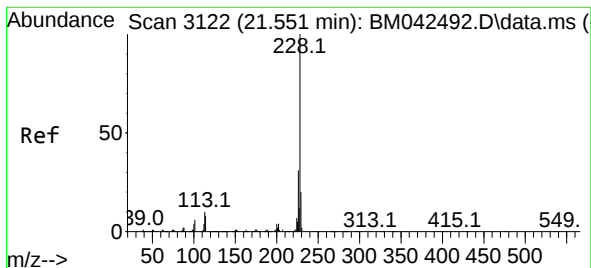
Tgt Ion:228 Resp: 647886
Ion Ratio Lower Upper
228 100
226 28.4 22.3 33.5
229 19.3 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 53.345 ng
RT: 21.427 min Scan# 3101
Delta R.T. -0.000 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion:252 Resp: 243463
Ion Ratio Lower Upper
252 100
254 66.3 52.2 78.4
126 10.1 8.9 13.3





#83

Chrysene

Concen: 41.904 ng

RT: 21.538 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM042587.D

Acq: 04 Nov 2023 12:05

Instrument :

BNA_M

ClientSampleId :

PB156852BS

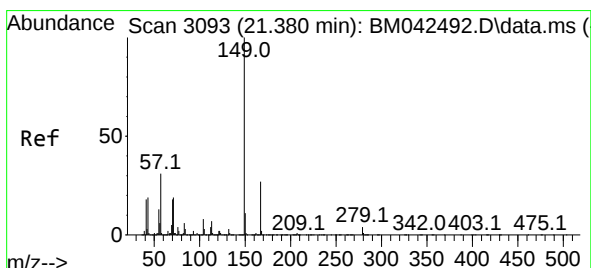
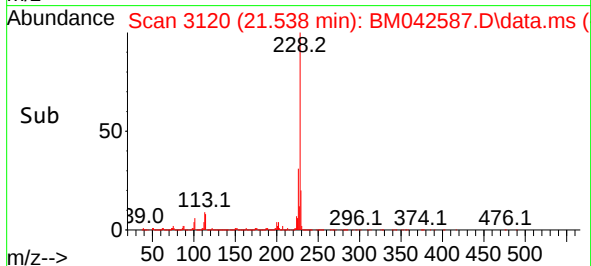
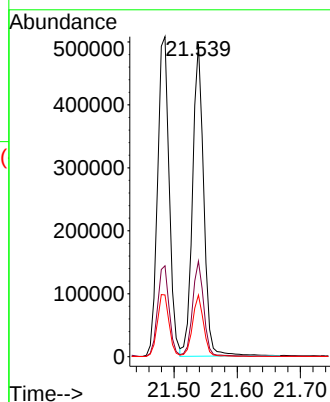
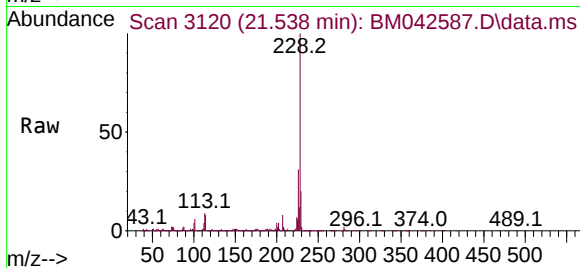
Tgt Ion:228 Resp: 611250

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.918 ng

RT: 21.362 min Scan# 3090

Delta R.T. -0.000 min

Lab File: BM042587.D

Acq: 04 Nov 2023 12:05

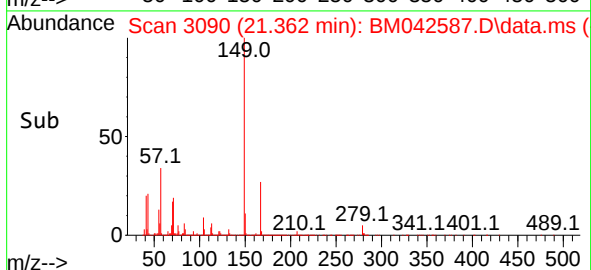
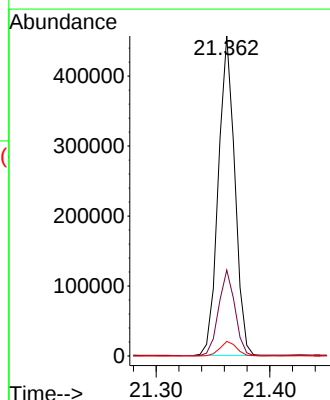
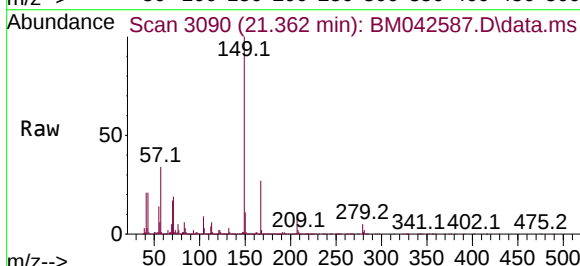
Tgt Ion:149 Resp: 459356

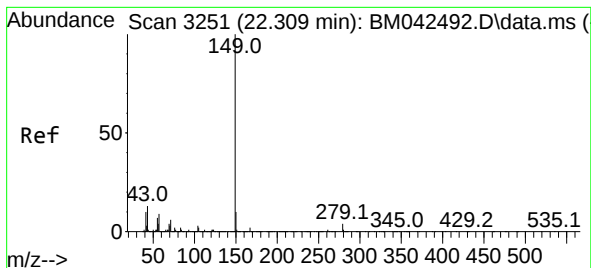
Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

279 4.5 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 42.477 ng

RT: 22.286 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042587.D

Acq: 04 Nov 2023 12:05

Instrument :

BNA_M

ClientSampleId :

PB156852BS

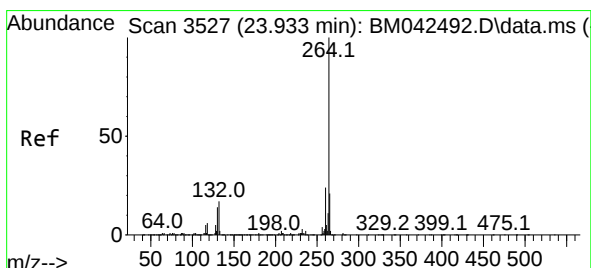
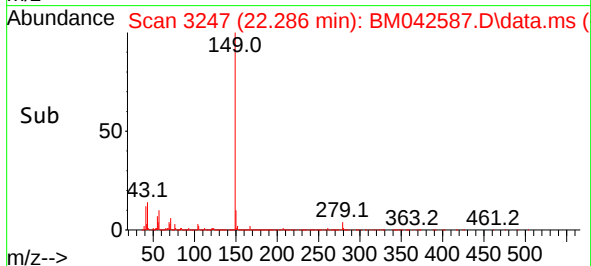
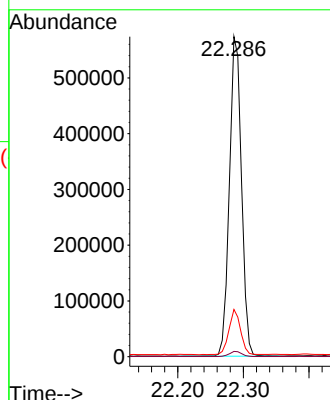
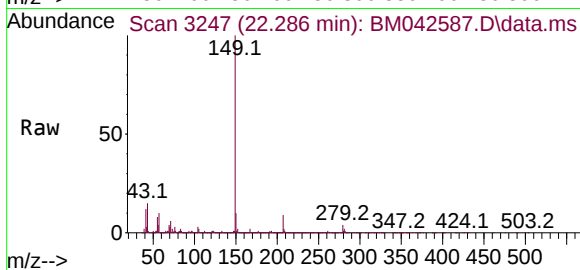
Tgt Ion:149 Resp: 731414

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 13.6 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.915 min Scan# 3524

Delta R.T. -0.000 min

Lab File: BM042587.D

Acq: 04 Nov 2023 12:05

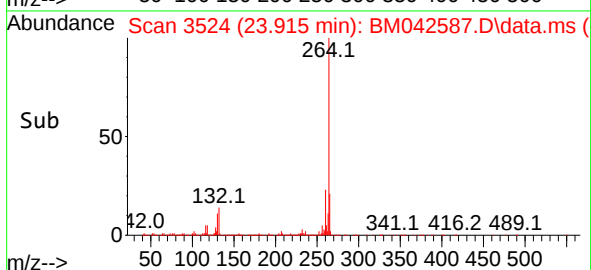
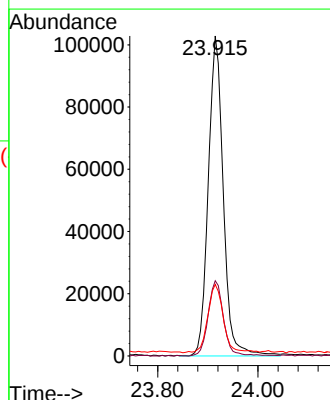
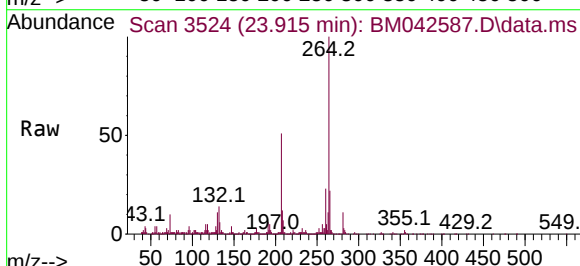
Tgt Ion:264 Resp: 214289

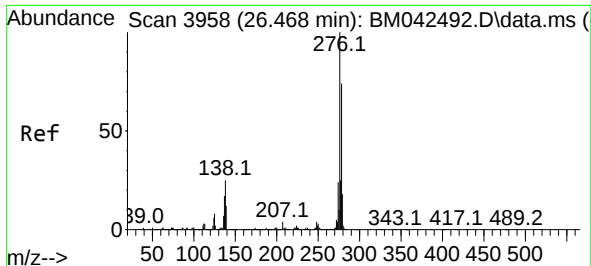
Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 22.3 18.7 28.1

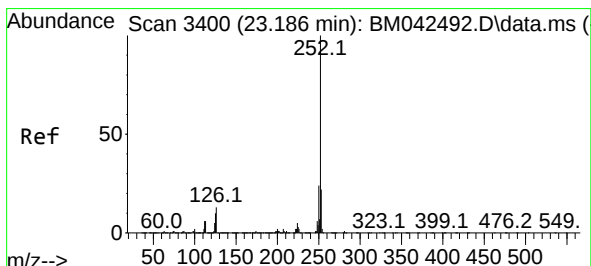
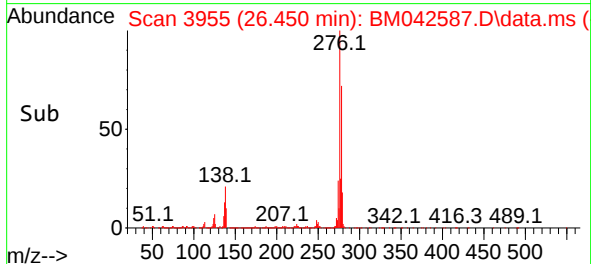
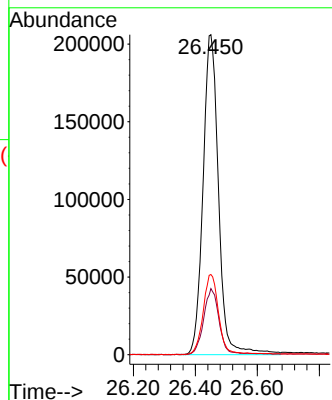
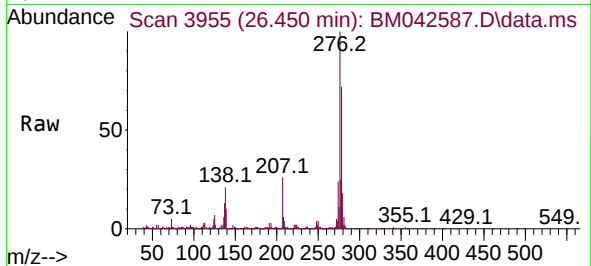




#87
Indeno(1,2,3-cd)pyrene
Concen: 56.201 ng
RT: 26.450 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

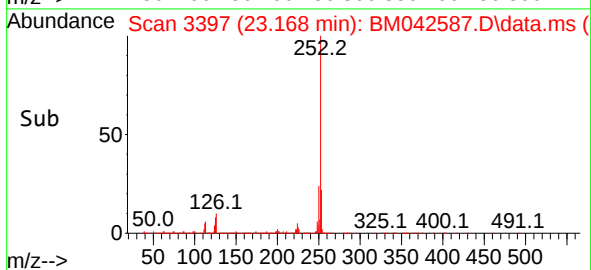
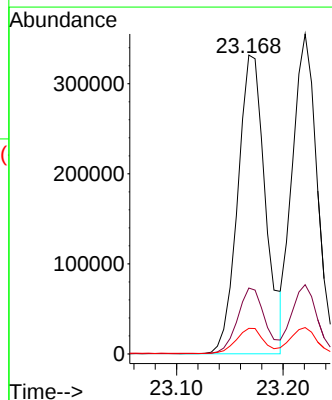
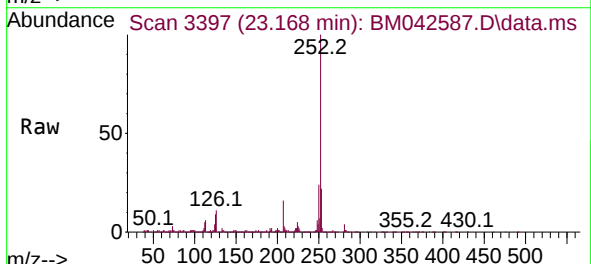
Instrument :
BNA_M
ClientSampleId :
PB156852BS

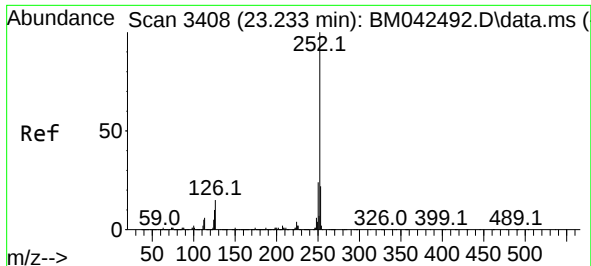
Tgt Ion:276 Resp: 716782
Ion Ratio Lower Upper
276 100
138 20.4 20.6 31.0#
277 24.8 19.5 29.3



#88
Benzo(b)fluoranthene
Concen: 50.223 ng
RT: 23.168 min Scan# 3397
Delta R.T. -0.006 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion:252 Resp: 599581
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 8.6 7.8 11.6

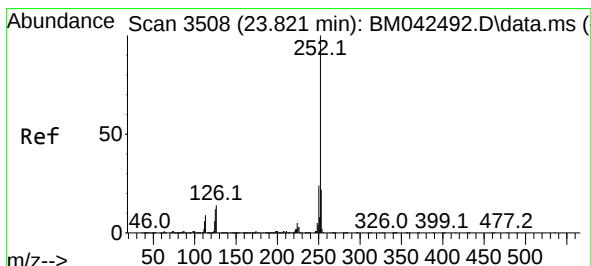
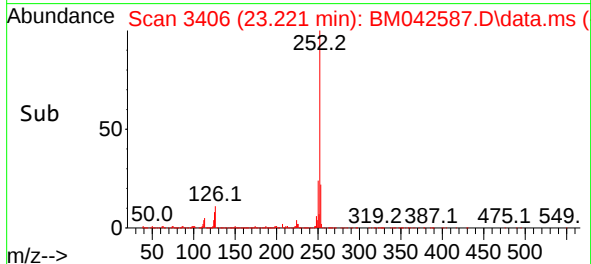
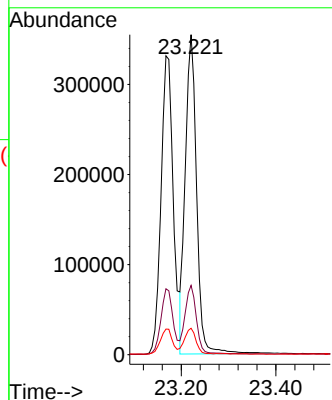
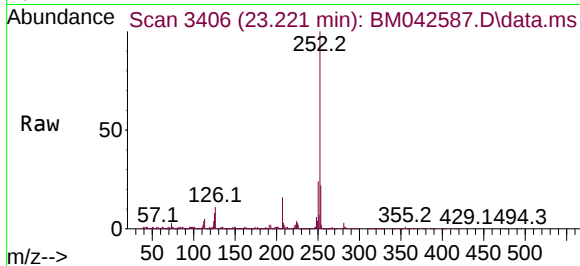




#89
Benzo(k)fluoranthene
Concen: 44.259 ng
RT: 23.221 min Scan# 3408
Delta R.T. -0.000 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

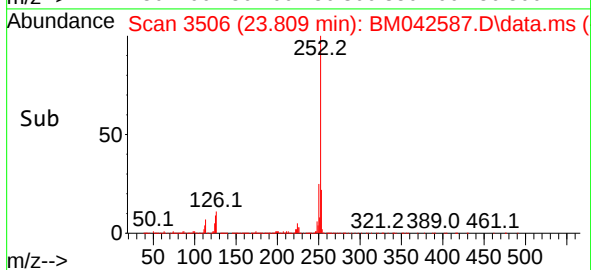
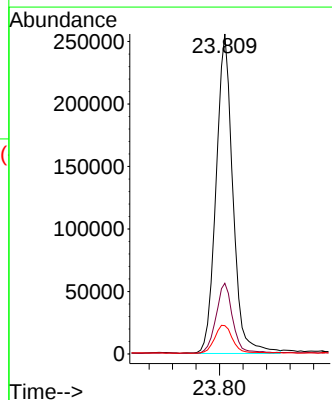
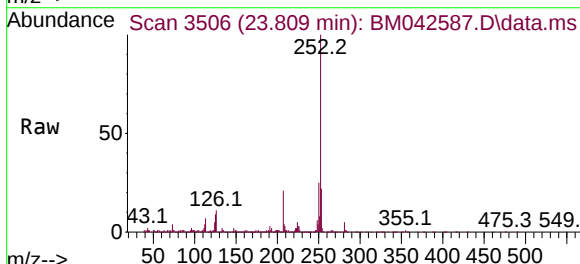
Instrument :
BNA_M
ClientSampleId :
PB156852BS

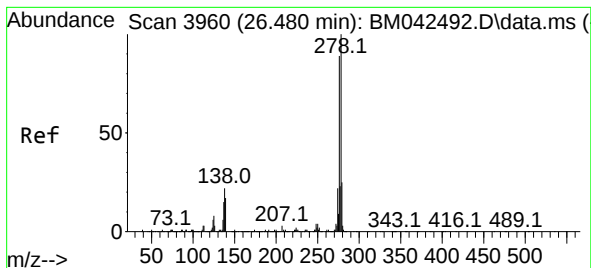
Tgt Ion:252 Resp: 588782
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 8.3 8.2 12.4



#90
Benzo(a)pyrene
Concen: 43.164 ng
RT: 23.809 min Scan# 3506
Delta R.T. -0.000 min
Lab File: BM042587.D
Acq: 04 Nov 2023 12:05

Tgt Ion:252 Resp: 507337
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 8.9 9.4 14.2#





#91

Dibenzo(a,h)anthracene

Concen: 50.531 ng

RT: 26.462 min Scan# 3957

Delta R.T. -0.006 min

Lab File: BM042587.D

Acq: 04 Nov 2023 12:05

Instrument :

BNA_M

ClientSampleId :

PB156852BS

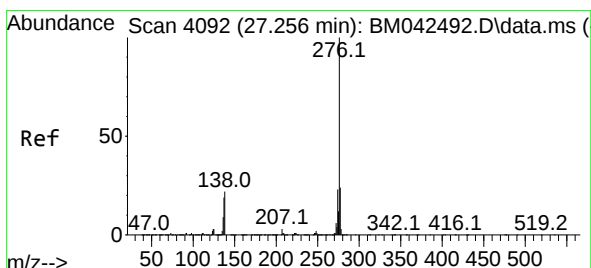
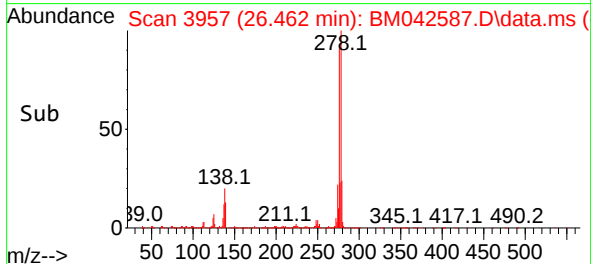
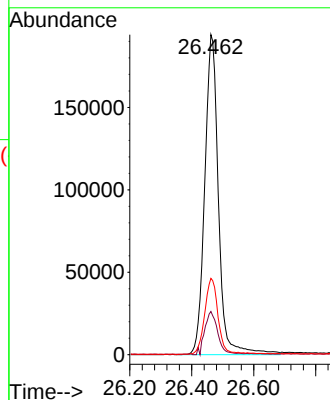
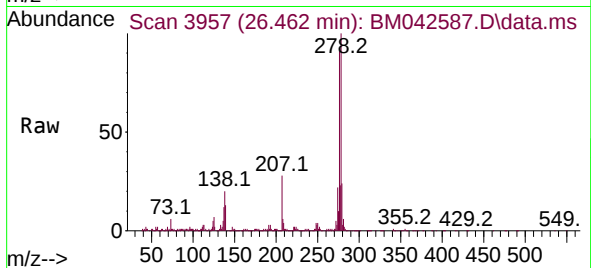
Tgt Ion:278 Resp: 597773

Ion Ratio Lower Upper

278 100

139 13.5 13.4 20.2

279 23.9 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 52.921 ng

RT: 27.244 min Scan# 4090

Delta R.T. -0.000 min

Lab File: BM042587.D

Acq: 04 Nov 2023 12:05

Tgt Ion:276 Resp: 594872

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 17.1 17.3 25.9#

